Boox X Series

X60/X60S

USER MANUAL
VERSION 1.4

Table of Contents

1 Preface 5
2 Guidelines 6
3 Precautions 6
4 Components 7
5 Boox View 8
5.1 Power On/Off button 10
5.2 MENU button 10
5.3 BACK button 10
5.4 NEXT button 10
5.5 PREV button 10
5.6 OK button 10
5.7 Volume button 11
5.8 WIFI button 11
5.9 Headphone Jack 11
5.10 SD Card Slot 11
5.11 Reset 11
5.12 stylus slot 11
6 User Interface 12
6.1 Main View 12
6.1.1 Library 13
6.1.2 SD Card 14
6.1.3 Recent Document 15
6. 1.4 Shortcuts 16
6.1.5 Notes 18
6.1.6 Dictionary 22
6.1.7 Scribble 26
6.1.8 Settings 30
6.1.8.1 Date 31
6.1.8.2 Time Zone 32
6.1.8.3 Locale 33
6.1.8.4 Power Management 34
6.1.8.5 Stylus Calibration 35
6.1.8.6 Format Flash 37
6.1.8.7 About 38
6.1.9 Web Sites 38
6.2 Navigation Bar 40
6.3 Tool Bar 41
6.3.1 Menu Button 41
6.3.2 Progress Bar 42
6.3.3 Stylus Indicator 45
6.3.3.1 Sketch 45
6.3.3.2 Erase Sketches 45
6.3.3.3 Hand Tool 45
6.3.3.4 Selection Zoom 45
6.3.3.5 Annotate 45

Copyright © 2009 Onyx International. All rights reserved.

6.3.3.5 Erase Annotations 46
6.3.4 Power Indicator 46
6.4 Menu 46
6.4.1 Screen Rotation 46
6.4.2 Save Remove SD Card 46
6.4.3 Music 46
6.4.4 Standby 46
6.4.5 Shutdown 47
6.4.6 View 47
6.4.6.1 List View 47
6.4.6.2 Details View 49
6.4.6.3 Thumbnail View 50
6.4.6.4 Sorting types 51
6.4.7 File 54
6.4.7.1 Delete 55
6.4.7.2 Search 56
6.4.8 Settings 57
6.4.9 Font 58
6.4.9.1 By Ratio 58
6.4.9.2 By Numbers 59
6.4.9.3 Bold/ Italic 60
6.4.10 Zooming 61
6.4.10.1 To Page 62
6.4.10.2 To Width 62
6.4.10.3 To Height 62
6.4.10.4 Selection Zoom 62
6.4.10.5 By Ratio 65
6.4.11 Annotations 66
6.4.11.1 Add Annotation 66
6.4.11.2 Erase Annotation 67
6.4.11.3 All Annotations 67
6.4.11.4 Sketch 69
6.4.11.5 Erase Sketch 70
6.4.11.6 Sketch Colors 70
6.4.11.7 Sketch Shapes 71
6.4.12 Layout 71
6.4.12.1 Single Page 71
6.4.12.2 Scroll Pages 73
6.4.13 Tools 74
6.4.13.1 Search 75
6.4.13.2 Dictionary Lookup 77
6.4.13.3 Text to Speech 79
6.4.13.4 Slide show 81
6.4.13.5 Add Bookmark 81
6.4.13.6 Delete Bookmark 82
6.4.13.7 Show Bookmarks 83
6.4.13.8 Hand Tool 83
6.4.13.9 Previous View 83
6.4.13.10 Next View 84

Copyright © 2009 Onyx International. All rights reserved.

6.4.13.11 Table of Content....84
6.4.14 Font Family....85
6.4.15 Encoding....86
6.4.16 Full Refresh Switch....87
6.4.17 Navigation....87
6.4.17.1 Backward....87
6.4.17.2 Forward....87
6.4.17.3 Home....87
6.4.18 Network....87
6.4.18.1 Wifi....87
6.5 Web Browser....88
6.5.1 Tool Bar....89
6.5.2 Input by Keyboard....89
6.6 Music Player....92
6.6.1 Playlist....93
6.6.2 Minimize Button....93
6.6.3 Close Button....93
6.6.4 Repeat Playlist Button....93
6.6.5 Shuffle Switch Button....93
6.6.6 Previous Song Button....93
6.6.7 Play/Pause Switch Button....93
6.6.8 Stop Button....93
6.6.9 Next Song Button....94
6.6.10 Repeat Current Song Button....94
6.6.11 Previous Page Button....94
6.6.12 Next Page Button....94
6.7 Wifi Configuration Dialog....94
6.7.1 Scanning List....95
6.7. 2 Connecting Message Area....96
6.7.3 Refresh Button....96
6.7.4 Configuring WPA Security Access Point....96
6.7.5 Configuring WEP Security Access Point....97
7 Sketch....98
7.1 Make new sketches....98
7.2 Erase....99
8 Annotation....99
8.1 Add Annotation....99
8.2 Erase Annotations....100
9 Software Update....101
10 Connect to PC....101
11 Charge....102

Copyright © 2009 Onyx International. All rights reserved.

1 Preface

Boox is presented by Onyx International, which has a group of professionals who dedicate themselves in designing state-of-the-art reading terminal.

The beauty of the Boox is embodied in both its simplicity and its power. As we are going to show you, Boox is an open and flexible platform for both consumers and content providers.

Boox is powered by an 8-level grayscale e-ink screen that looks and feels like paper. Passive lighting and diffuse surface relaxes your eyes and reduces eye strain. By the hand-writing system, you can take notes while reading and sketch up ideas that happen to emerge. Boox takes full advantage of new-generation e-ink screens: extremely low power consumption. Each full charge can sustain a few weeks' reading. By reducing paper consumption while providing a realistic paper-like reading experience, digital content helps to protect the environment without sacrificing convenience or life style.

Boox comes with viewers for most popular ebook and image formats, including PDF, HTML, CHM, EPub, TXT, DOC and MobiPocket (NON-DRM). For content partners, we also provide support for custom formats and digital rights management solutions. All of our viewers have standard features such as layout management, font adjustment, full text search, zooming, and page flow.

For a next-generation information device, connectivity is essential. The user can connect to the Internet by build-in WiFi, 3G module or other add-on modules to download new content or surf the web. Customized for the e-ink screen, WebKit, the same software engine as some

Copyright © 2009 Onyx International. All rights reserved.

powerful desktop browsers such as Safari and Chrome, is the web browser of Boox.

Boox, the new reading experience.

2 Guidelines

Please read this manual before using the product.

The product should only be used in the manner described in this manual.

The latest downloads and information are available at our

website: www.onyx-international.com.

The outer layer of the display is scratch resistant, but it can still be damaged if handled roughly.

Operating temperature is 0°C to 50°C

Storage temperature is –20°C to 70°C

3 Precautions

Avoid applying excessive force to the display. The device uses a glass-based display is thus liable to break if mistreated.

Never open the device as this will invalidate any warranty or manufacturer’s responsibility.

Please contact your Onyx retailer when you have any technical difficulties.

Do NOT expose the device to excessive moisture, rain or heat sources caused by heating equipment.

Copyright © 2009 Onyx International. All rights reserved.

4 Components

4.1 Boox X60

4.2 Power Adaptor

4.3 USB Cable

4.4 Cover

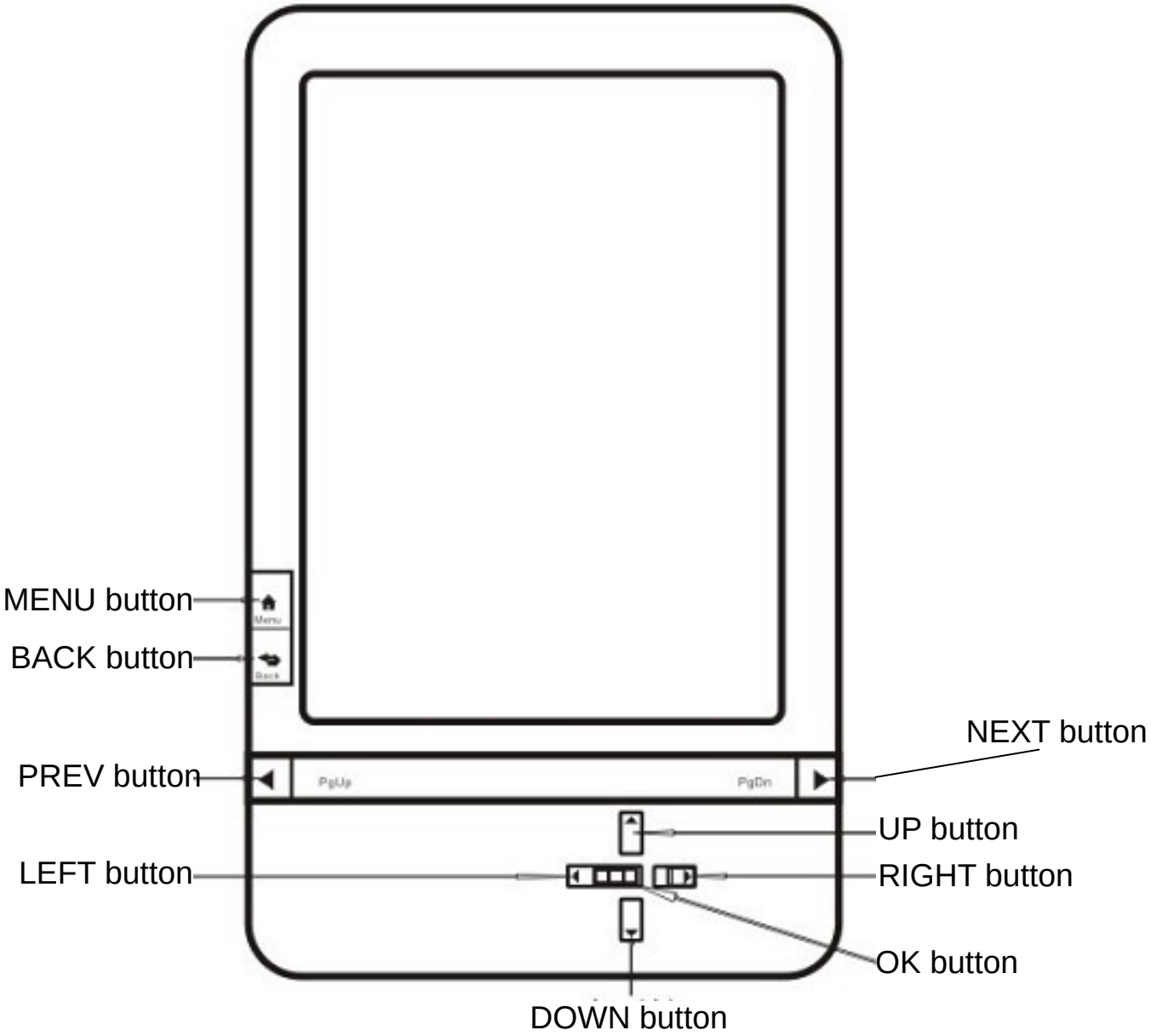
4.5 Quick Guide

4.6 Warranty Sheet

Copyright © 2009 Onyx International. All rights reserved.

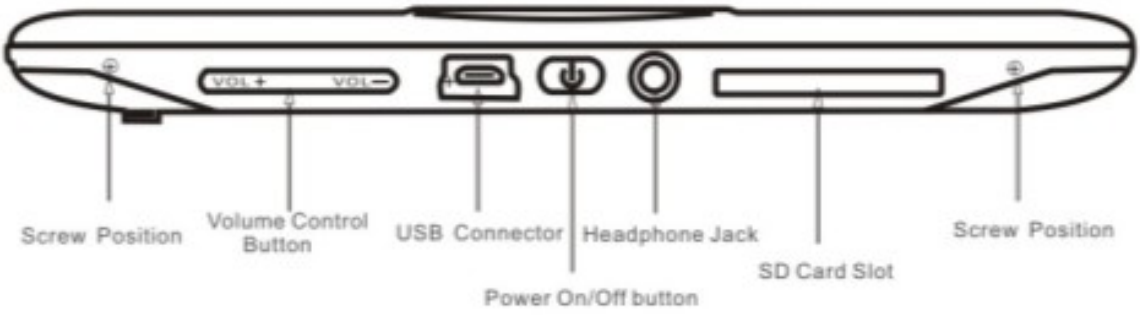
5 Boox View

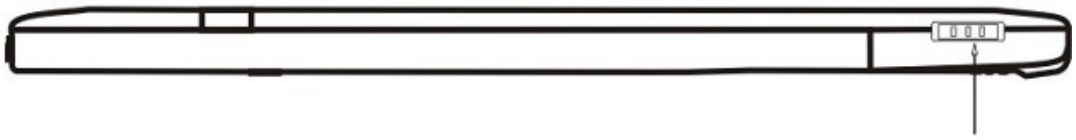
Front View



Copyright © 2009 Onyx International. All rights reserved.

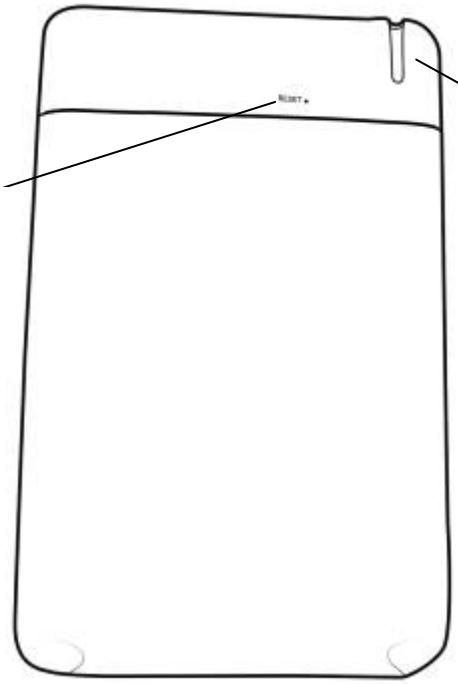
Bottom and Side View





WIFI On/Off button

Back View



5.13 Reset

*5.14 Styles Slot

Copyright © 2009 Onyx International. All rights reserved.

5.1 Power On/Off button

- Press the power key to turn device on
- Press the power key and hold for 2 seconds to turn device off, similar as selecting showdown item in menu
- Press the power key and release it immediately, device turns into sleep mode

5.2 MENU button

- Press the menu key to pop up the menu

Similar as tapping icon with stylus

5.3 BACK button

- Return from current application
- Return from current view or dialog
- Turn back to the parent directory

5.4 NEXT button

- Flip to next screen while viewing document
- Flip to next screen while browsing documents in main view

5.5 PREV button

- Flip to previous screen while viewing document
- Flip to previous screen while browsing documents in main view

5.6 OK button

- Press OK button to choose any icon , open documents , confirm your operate choice

Copyright © 2009 Onyx International. All rights reserved.

5.7 Volume button

- Increase the volume by pressing key *Vol+*
- Decrease the volume by pressing key *Vol-*

5.8 WIFI button

- Turn on the WIFI by sliding the key from bottom to top
- Turn off the WIFI by sliding the key from top to bottom

✶ BOOX X60S without WIFI function

5.9 Headphone Jack

- Diameter of the headphone jack is 3.5mm

5.10 SD Card Slot

- Insert SD card to read the content on SD card

5.11 Reset

- Reset the device by small pin through the hole

5.12 stylus slot

- Put your stylus here while don’t use it.
- BOOX X60S without touch panel and stylus

Copyright © 2009 Onyx International. All rights reserved.

6 User Interface

6.1 Main View

Like the desktop of the most popular PC OS, main view of Boox provides entries to access the storages, device settings and common websites.

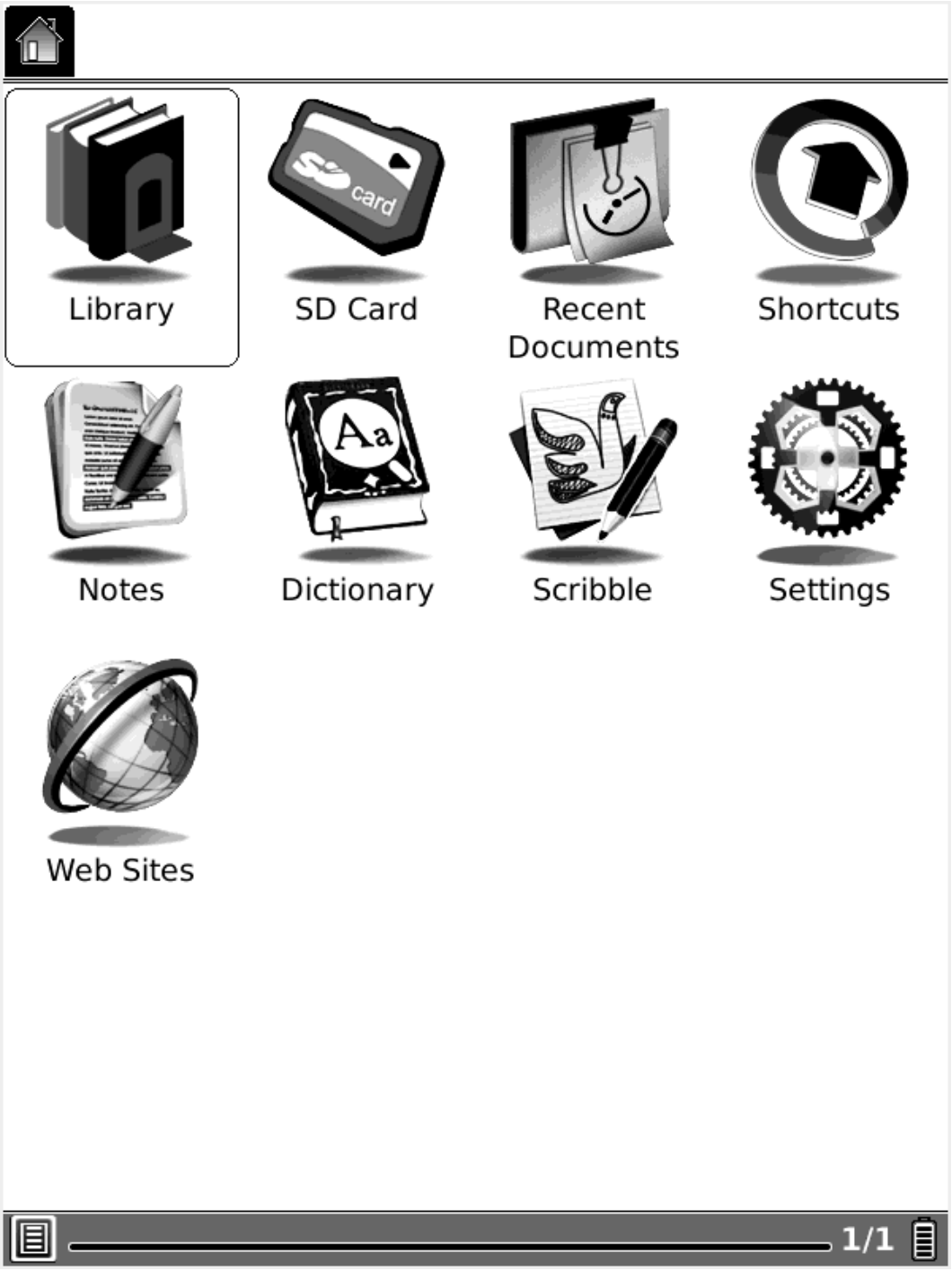


Fig. 6.1 Snapshot of Main View

Copyright © 2009 Onyx International. All rights reserved.

6.1.1 Library

Select the Library (Internal Flash) icon, all of the items stored in internal flash are displayed.

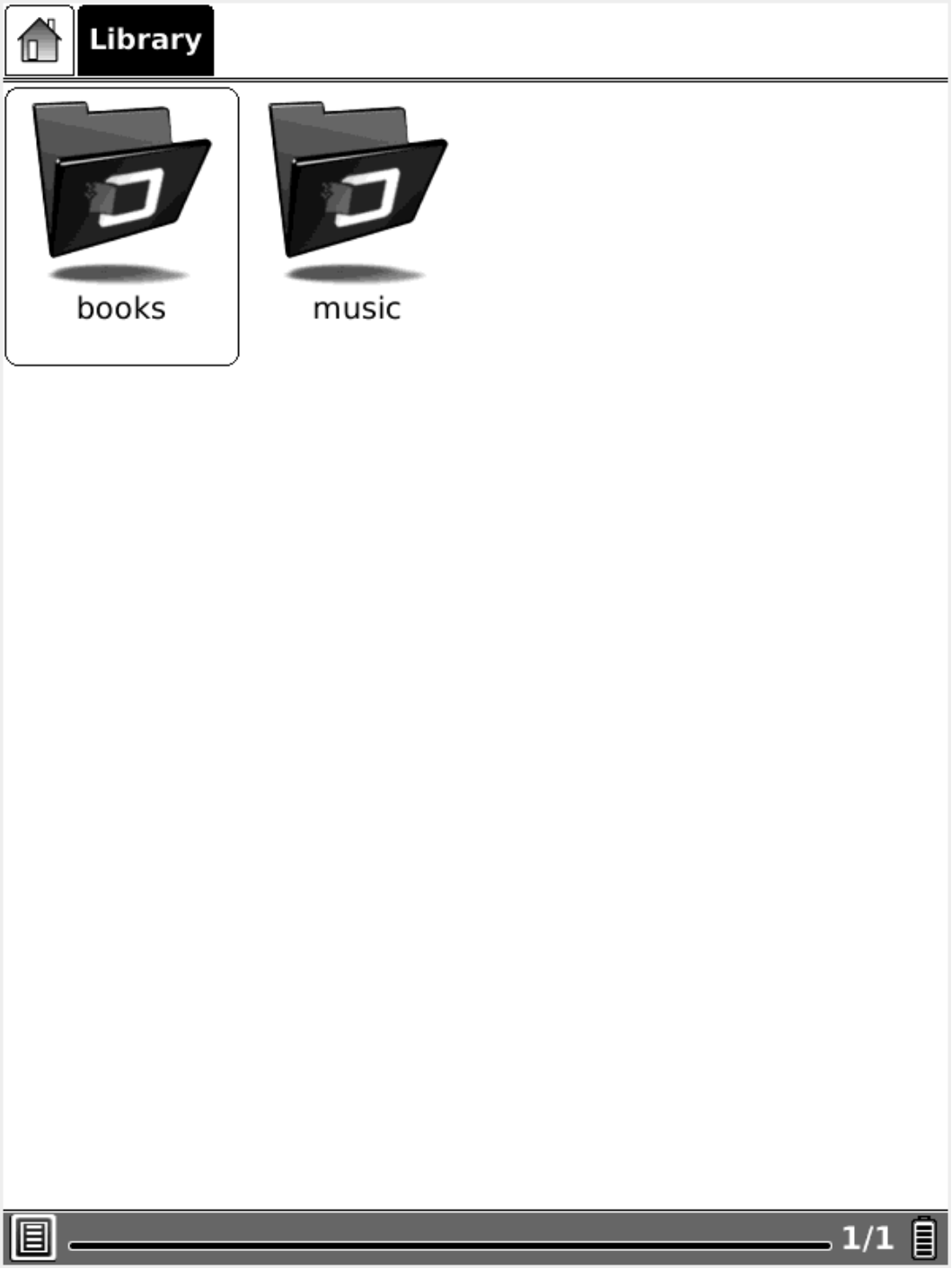


Fig. 6.1.1 Snapshot of Internal Flash View

Copyright © 2009 Onyx International. All rights reserved.

6.1.2 SD Card

Select the SD Card icon, all of the items stored in SD card are displayed.

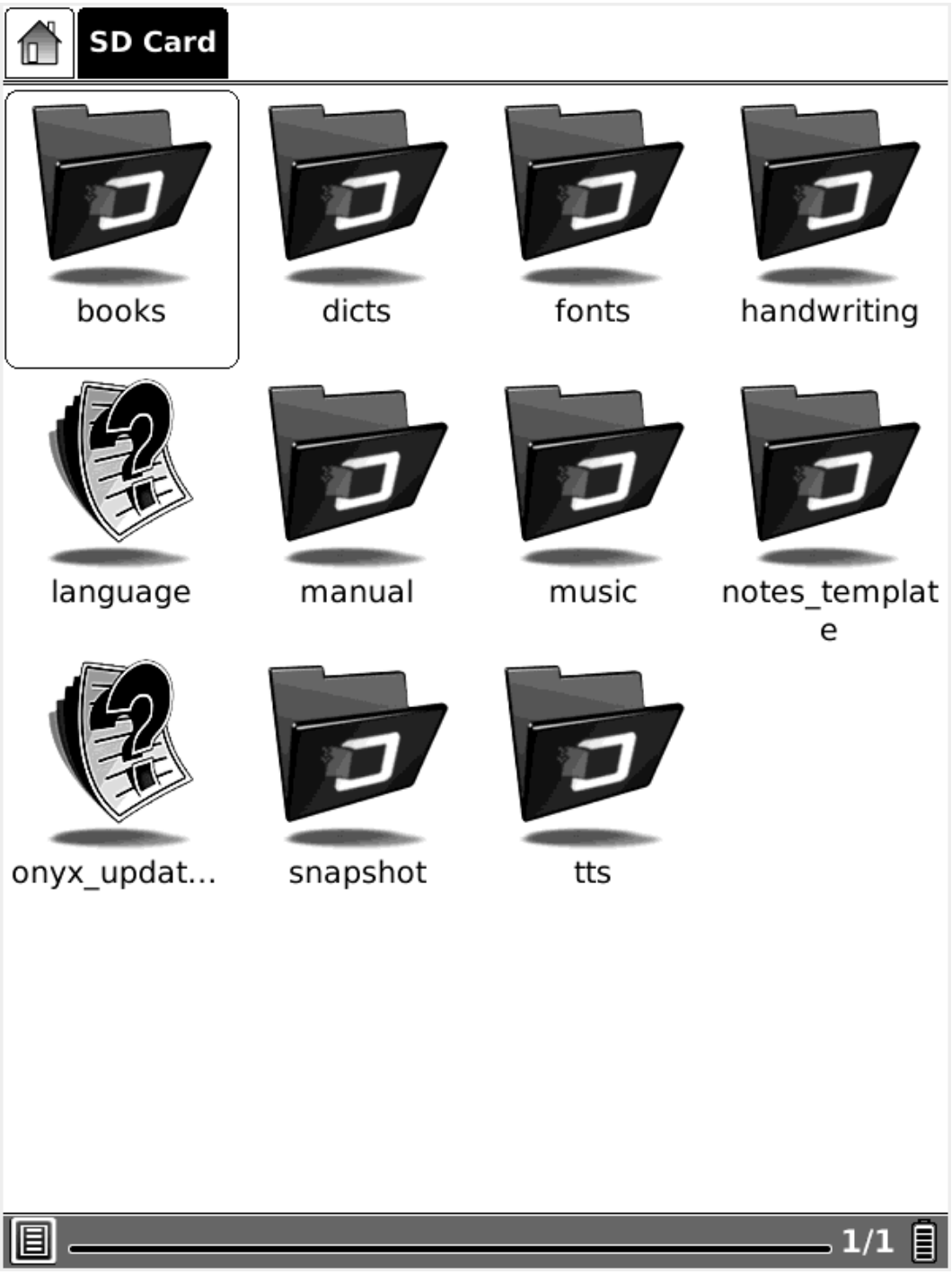


Fig. 6.1.2 Snapshot of SD Card View

Copyright © 2009 Onyx International. All rights reserved.

6.1.3 Recent Document

Select the Recent Document icon, all of the recent read documents are displayed.

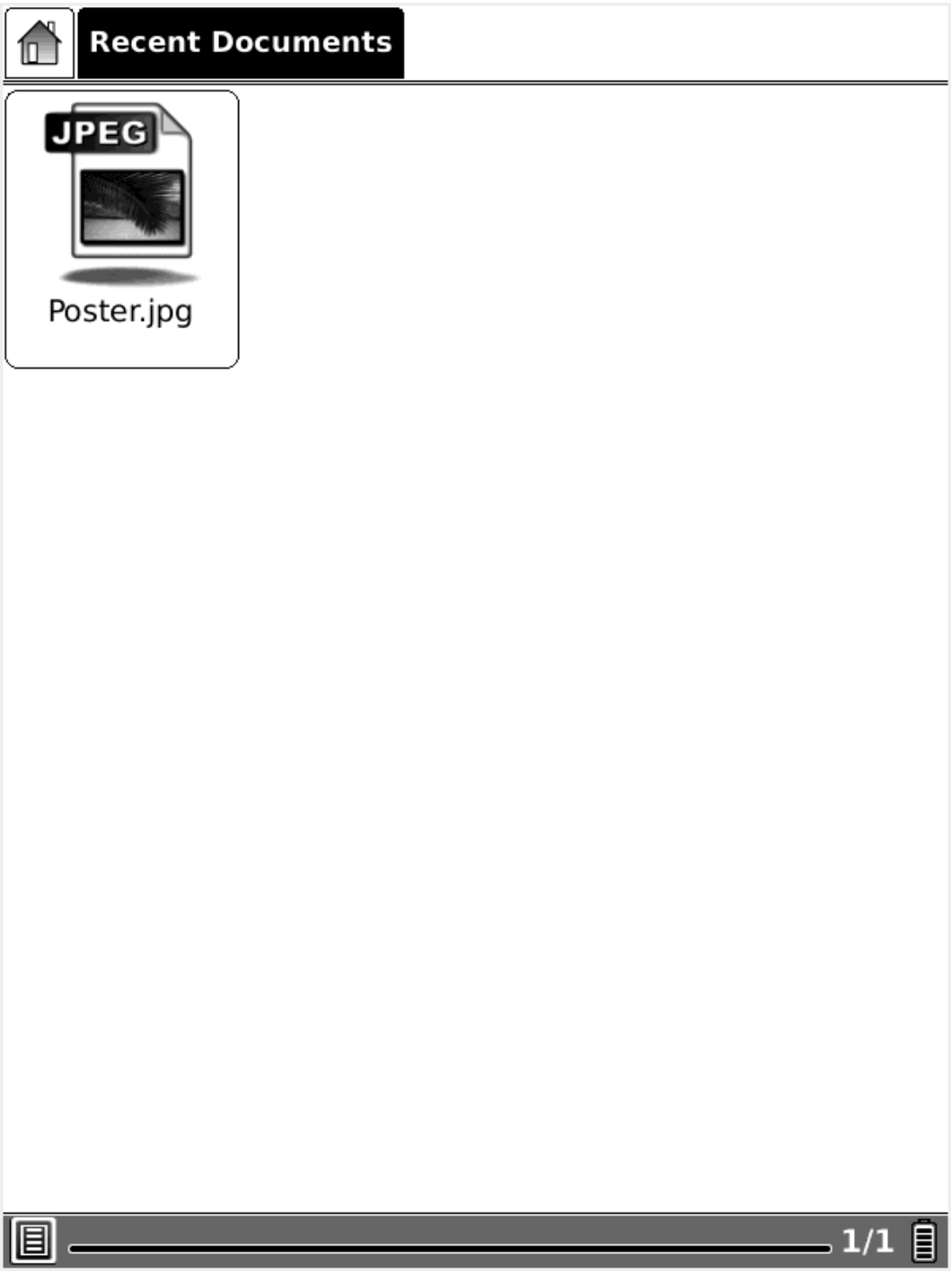


Fig. 6.1.3 Snapshot of Recent Document View

Copyright © 2009 Onyx International. All rights reserved.

6. 1.4 Shortcuts

6.1.4(1) Select the shortcuts icon, all of the shortcuts are displayed.

Fig. 6.1.4(1) Snapshot of shortcut

Copyright © 2009 Onyx International. All rights reserved.

6.1.4(2) select a file, in menu-settings-create shortcut to create a shortcut.

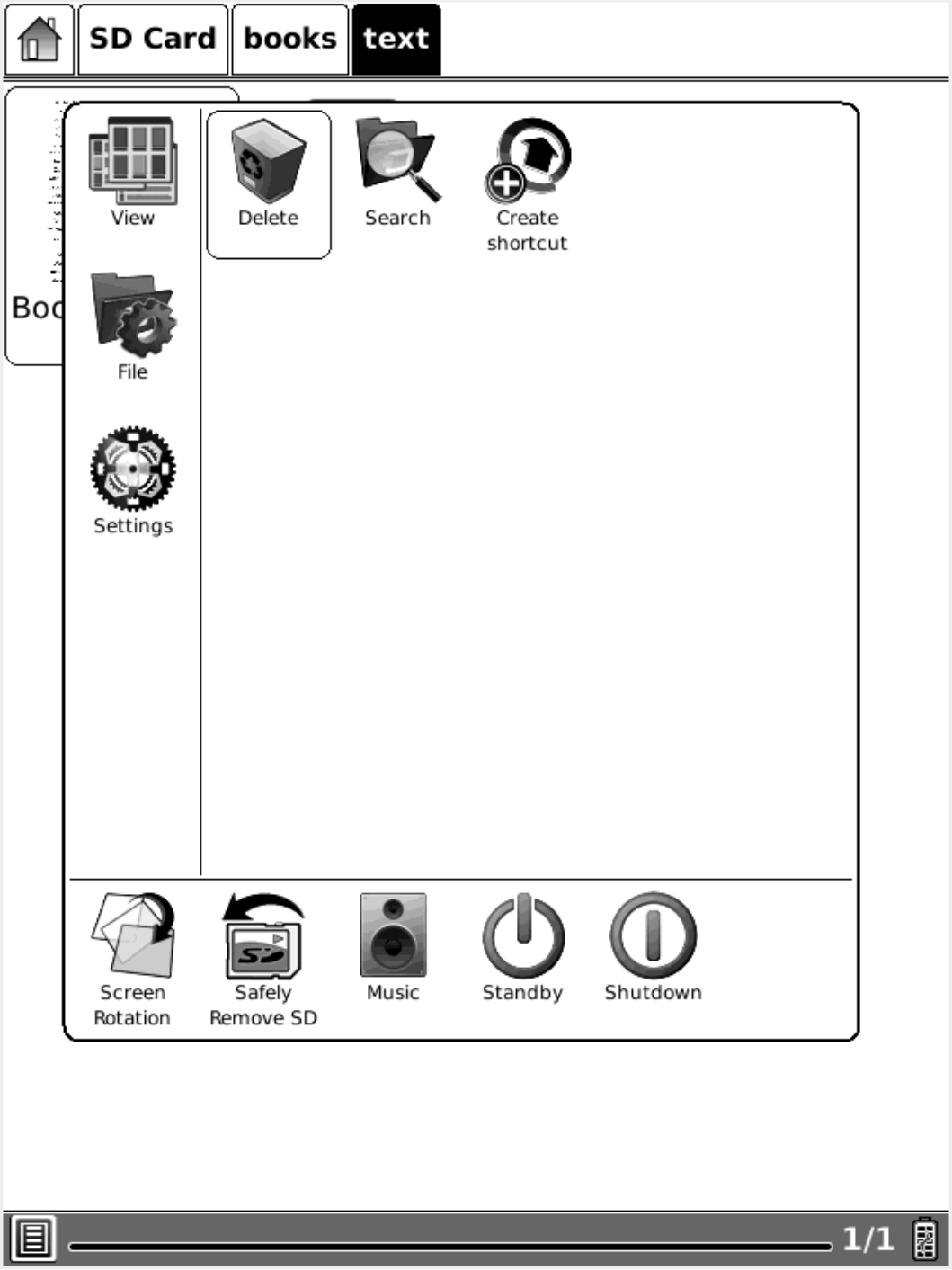


Fig. 6.1.4(2) Snapshot of create shortcut

Copyright © 2009 Onyx International. All rights reserved.

6.1.5 Notes

6.1.5 (1) Select the Notes icon, create note icon is displayed.

Fig. 6.1.5(1) Snapshot of create note

Copyright © 2009 Onyx International. All rights reserved.

6.1.5 (2) Select the create note icon, enter to create note input interface.

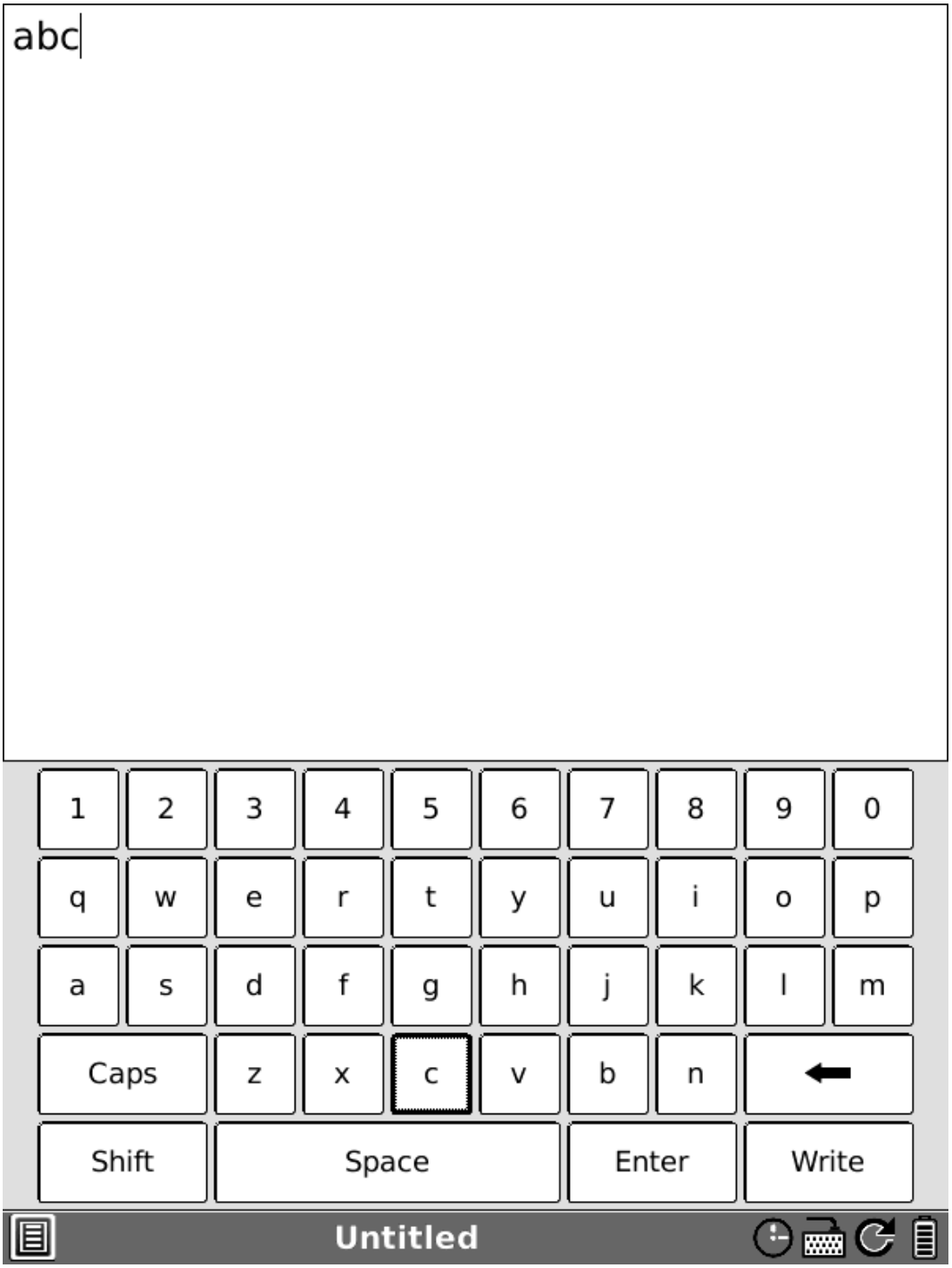


Fig. 6.1.5(2) Snapshot of note input interface

Copyright © 2009 Onyx International. All rights reserved.

6.1.5 (3) Select menu-Tools-Save Documents to save the note file.

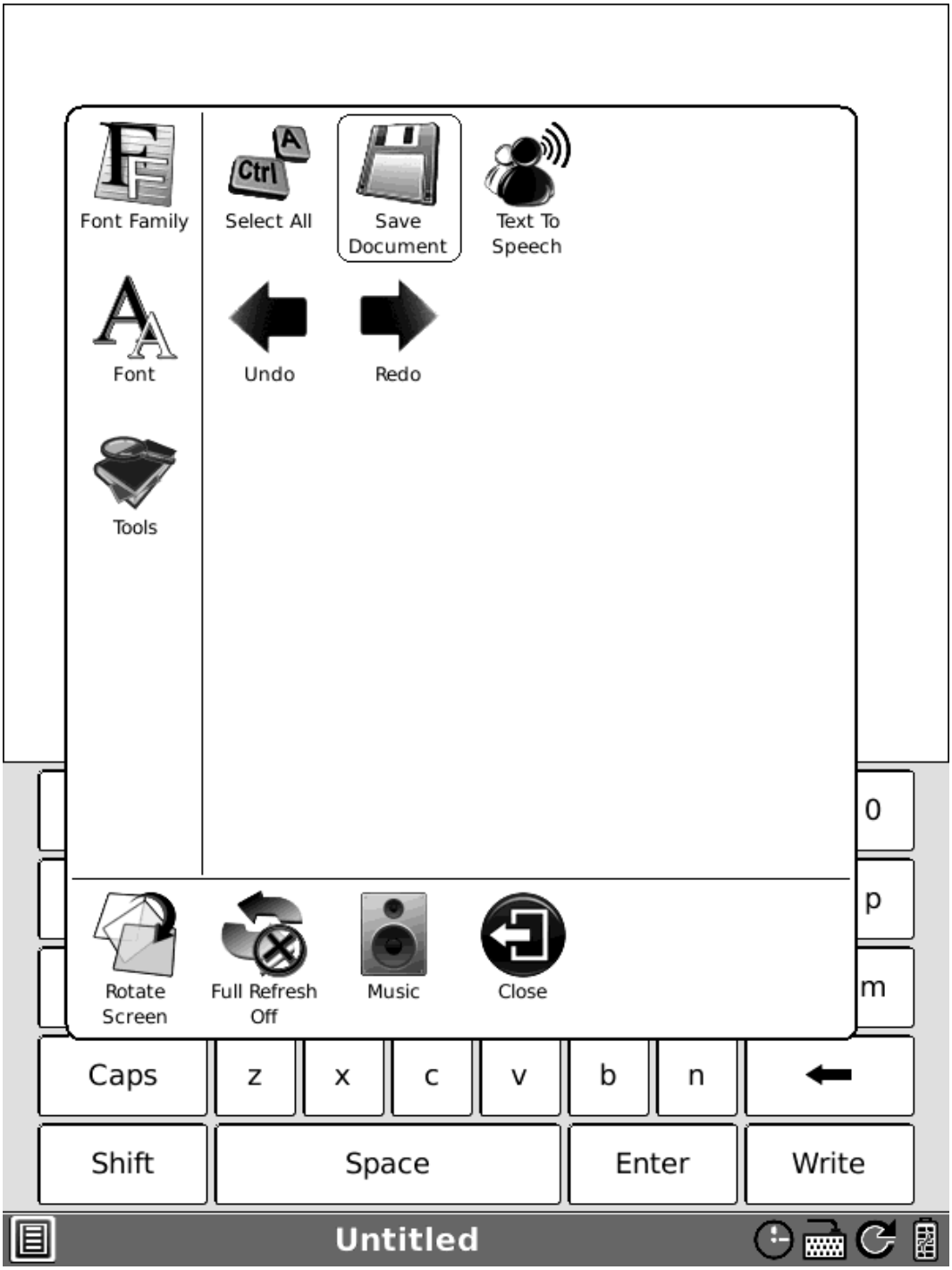


Fig. 6.1.5(3) Snapshot of Save Document

Copyright © 2009 Onyx International. All rights reserved.

6.1.5 (4) Type Document Name to save the note file.

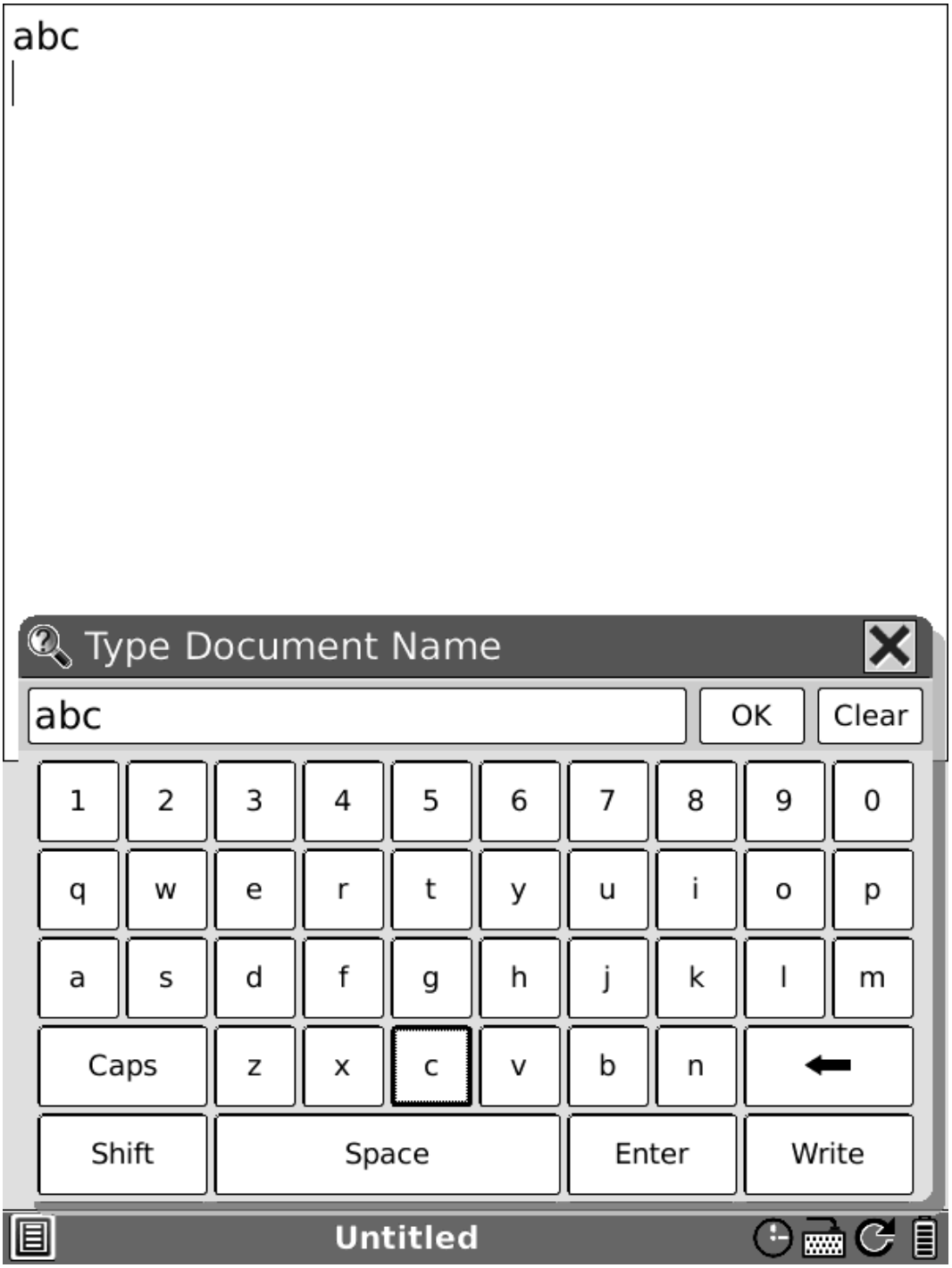


Fig. 6.1.5(4) Snapshot of Type Document Name

Copyright © 2009 Onyx International. All rights reserved.

6.1.6 Dictionary

Select Dictionary icon, enter the Dictionary input interface.

6.1.6 (1) Dictionary interface. Input letters by software keyboard.

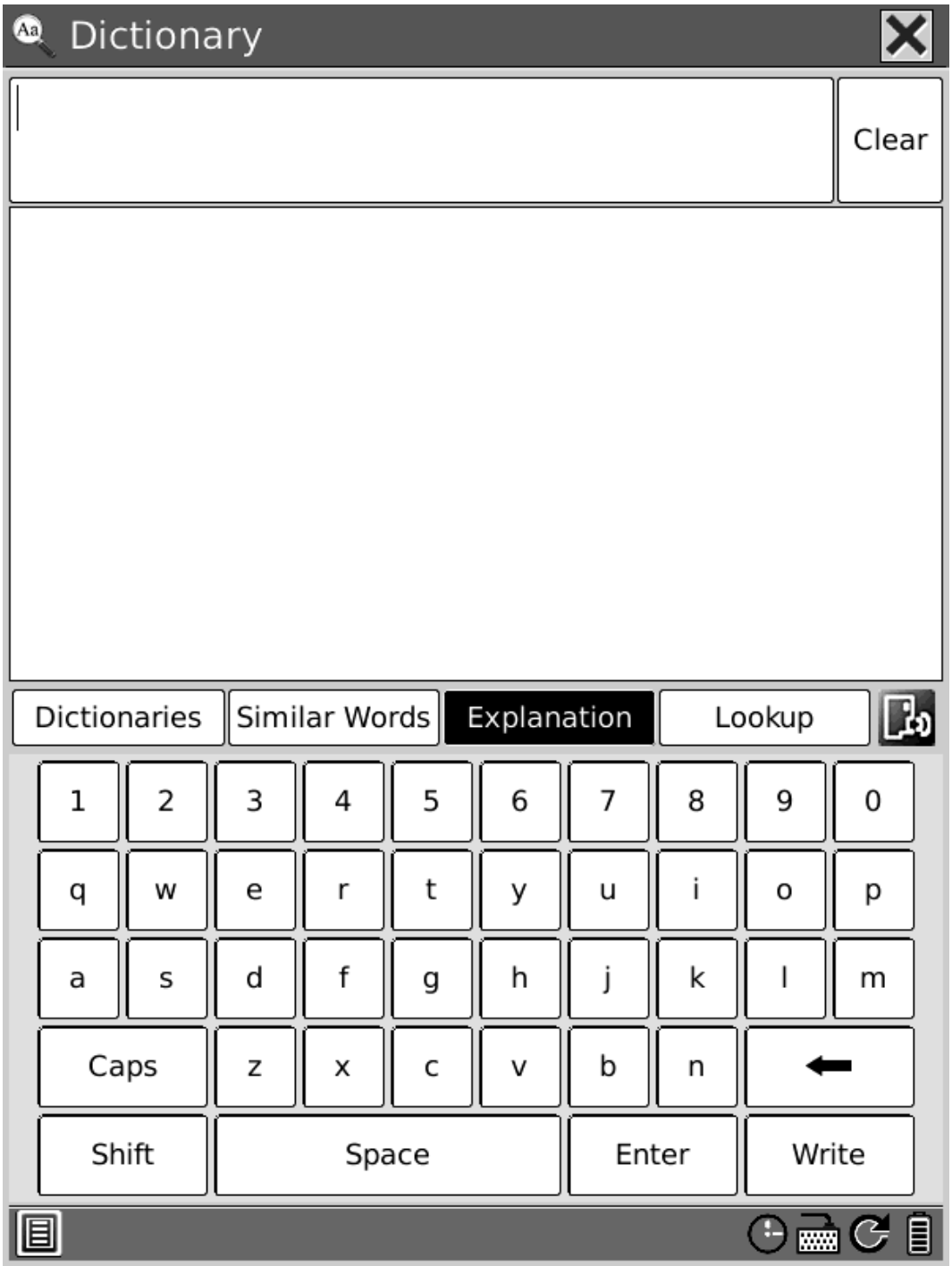


Fig. 6.1.6(1) Snapshot of Dictionary input interface

Copyright © 2009 Onyx International. All rights reserved.

6.1.6 (2) select Dictionaries to show the dictionary list.

Fig. 6.1.6(2) Snapshot of Dictionaries

Copyright © 2009 Onyx International. All rights reserved.

6.1.6 (3) select Explanation to show the translation content.

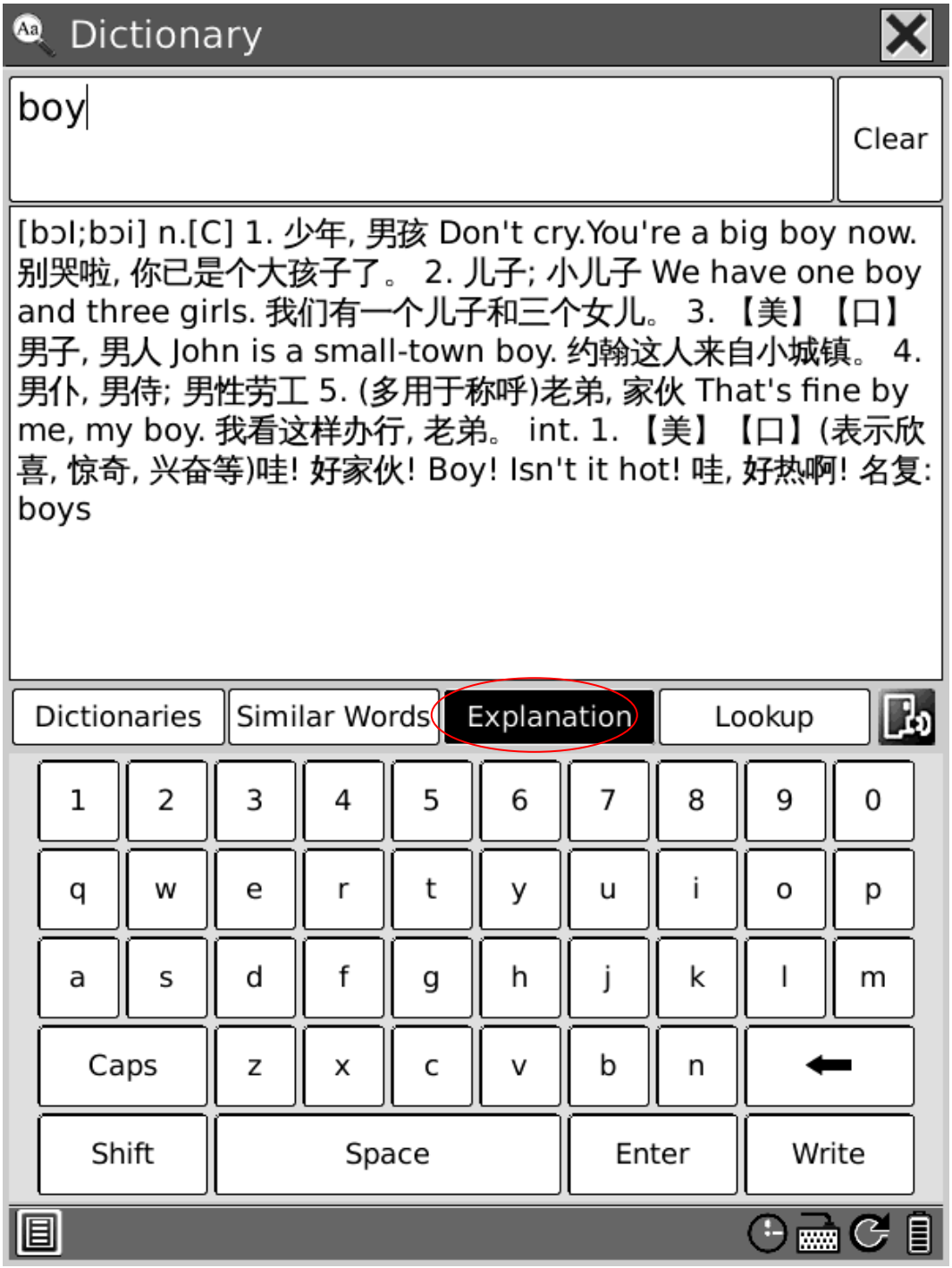

Dictionary
boy
Clear
[bɔI;bɔi] n.[C] 1. 少年, 男孩 Don't cry.You're a big boy now. 别哭啦, 你已是个大孩子了。 2. 儿子; 小儿子 We have one boy and three girls. 我们有一个儿子和三个女儿。 3. 【美】【口】男子, 男人 John is a small-town boy. 约翰这人来自小城镇。 4. 男仆, 男侍; 男性劳工 5. (多用于称呼)老弟, 家伙 That's fine by me, my boy. 我看这样办行, 老弟。 int. 1. 【美】【口】(表示欣喜, 惊奇, 兴奋等)哇! 好家伙! Boy! Isn't it hot! 哇, 好热啊! 名复: boys
Dictionaries
Similar Words
Explanation
Lookup
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p
a s d f g h j k l m
Caps z x c v b n
Shift
Space
Enter
Write

Fig. 6.1.6(3) Snapshot of Explanation content

Copyright © 2009 Onyx International. All rights reserved.

6.1.6 (4) select Similar Words to show the similar words group.

Fig. 6.1.6(4) Snapshot of Similar Words

Copyright © 2009 Onyx International. All rights reserved.

6.1.7 Scribble

6.1.7 (1) Select Scribble icon, enter the Create Scribble interface.

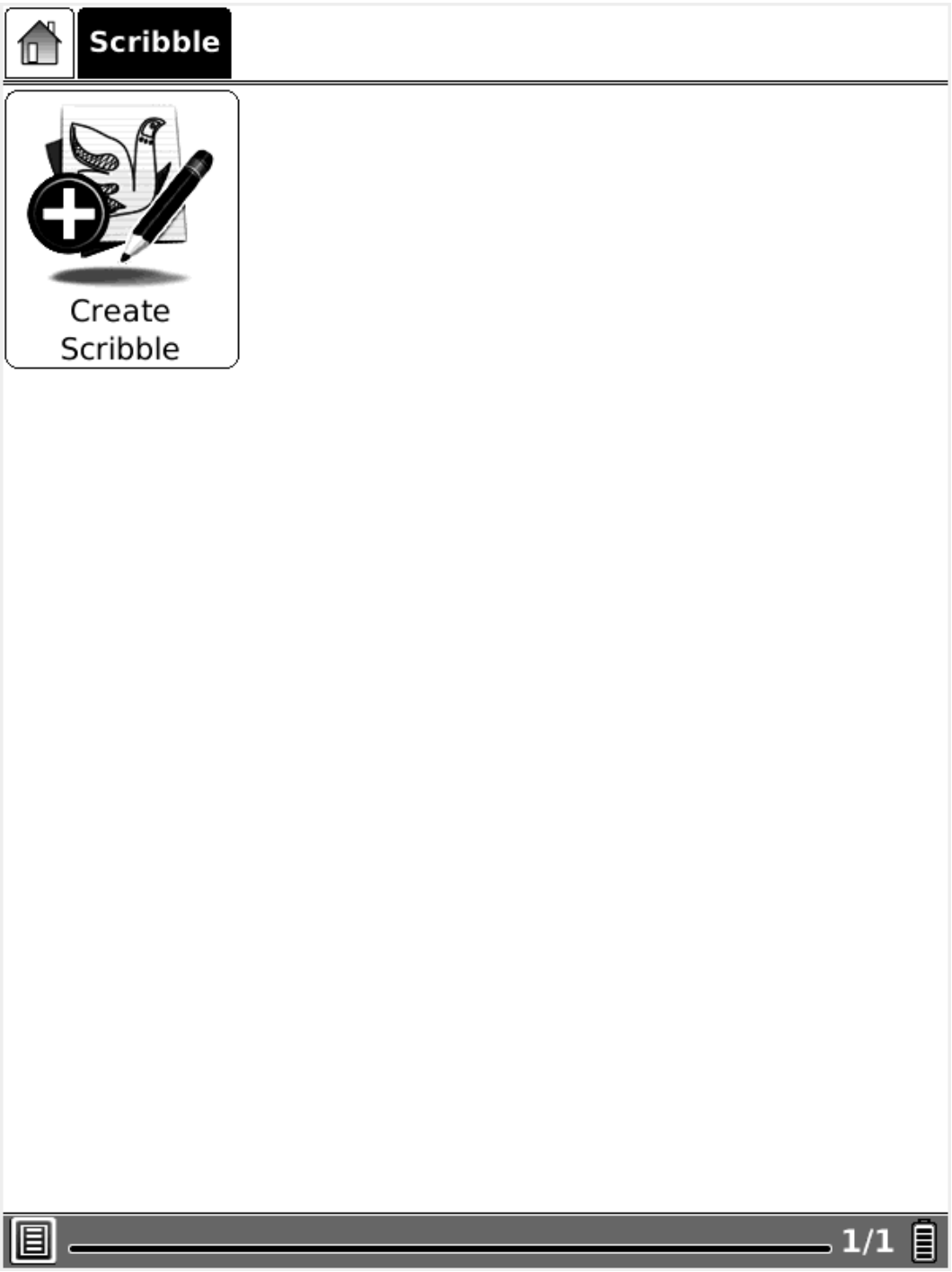


Fig. 6.1.7(1) Snapshot of Create scribble

Copyright © 2009 Onyx International. All rights reserved.

6.1.7 (2) Select template.

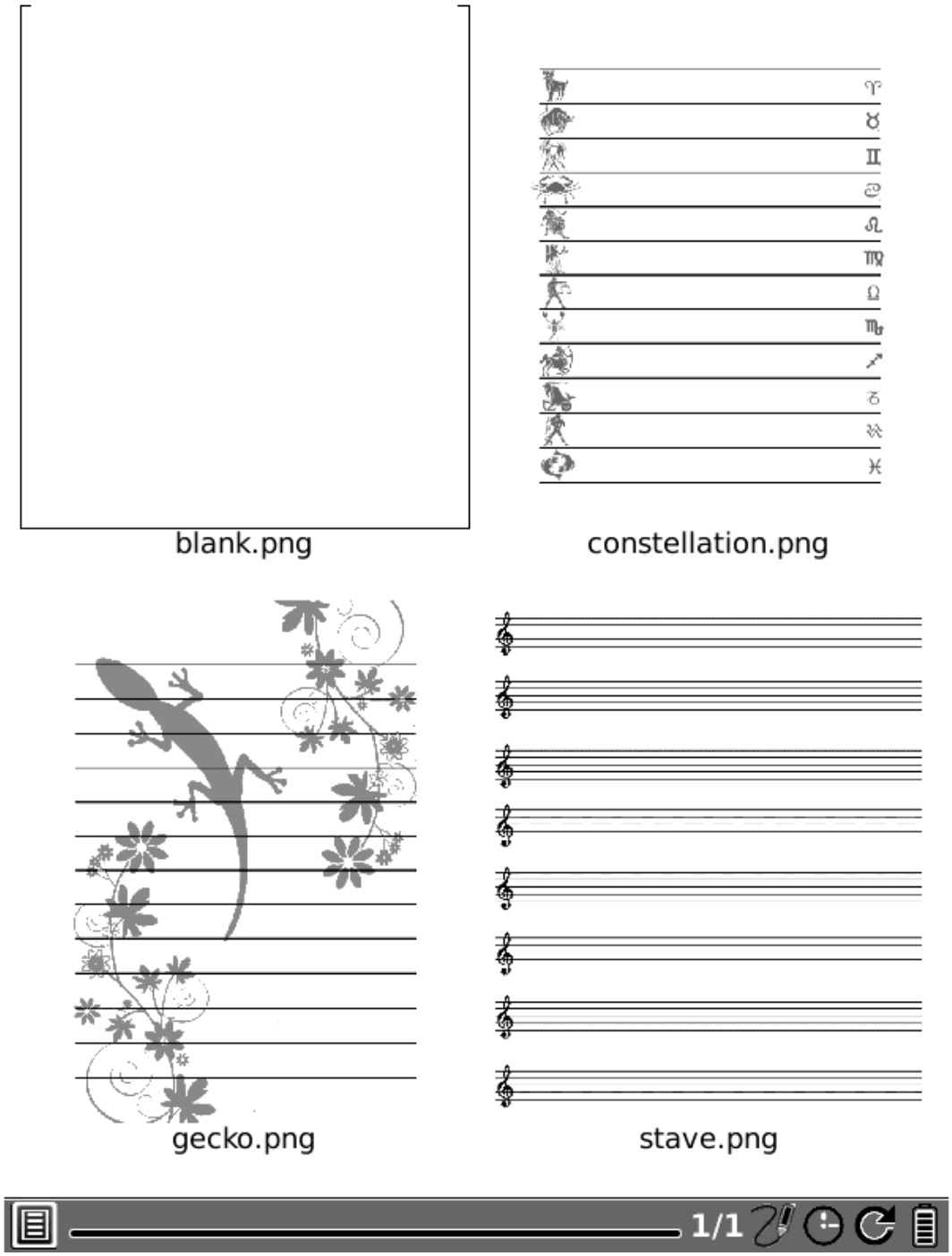


Fig. 6.1.7(2) Snapshot of select scribble template

Copyright © 2009 Onyx International. All rights reserved.

6.1.7 (3) user can add templates to SD card in notes template folder.

Fig. 6.1.7(3) Snapshot of scribble template folder

Copyright © 2009 Onyx International. All rights reserved.

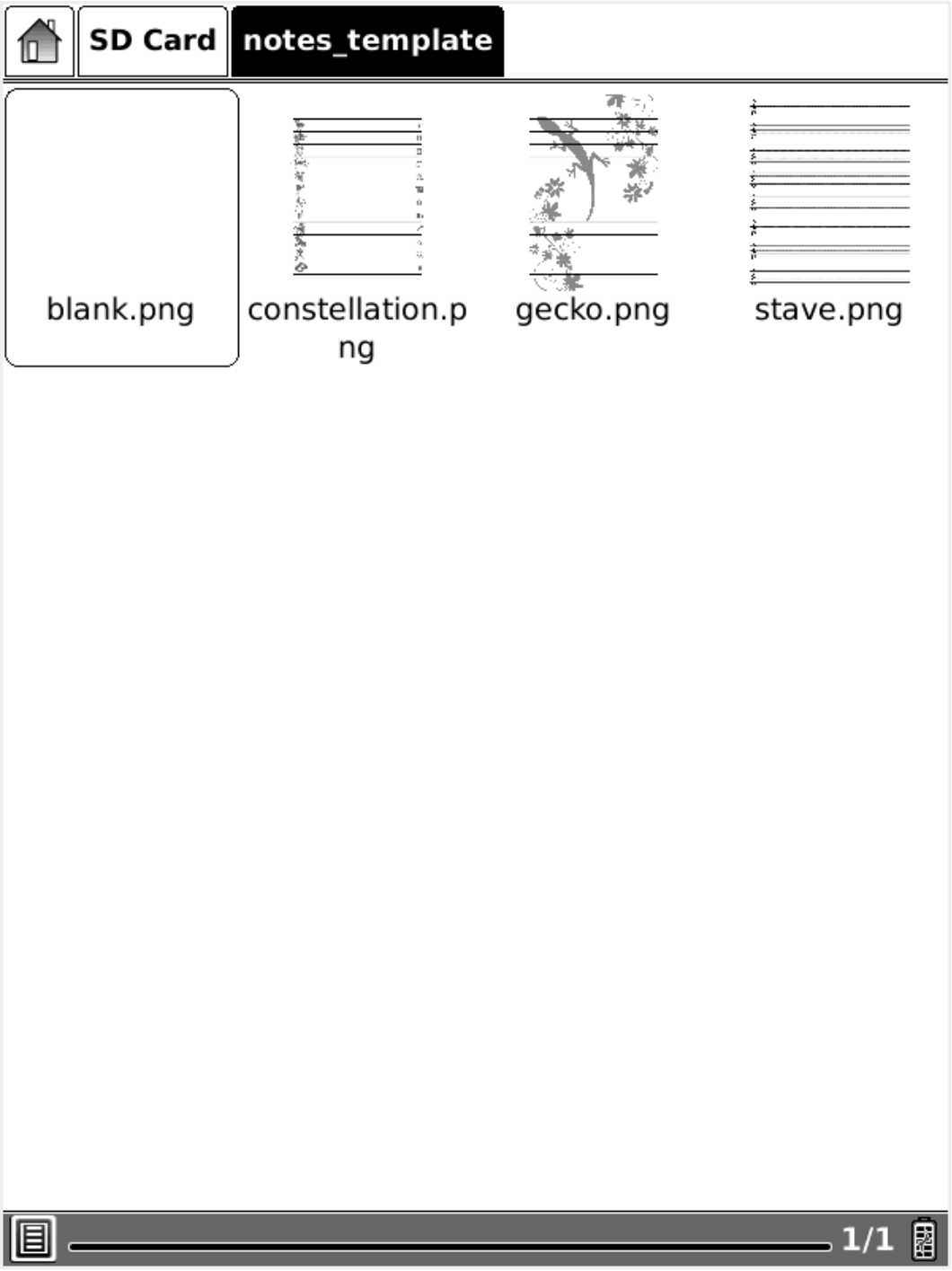


Fig. 6.1.7(4) Snapshot of scribble templates

Copyright © 2009 Onyx International. All rights reserved.

6.1.8 Settings

Select Settings button, you can enter the device settings view. Now the icons of Date, Time Zone, Locale, Power Management, Stylus calibration, Format Flash and About view are listed here.

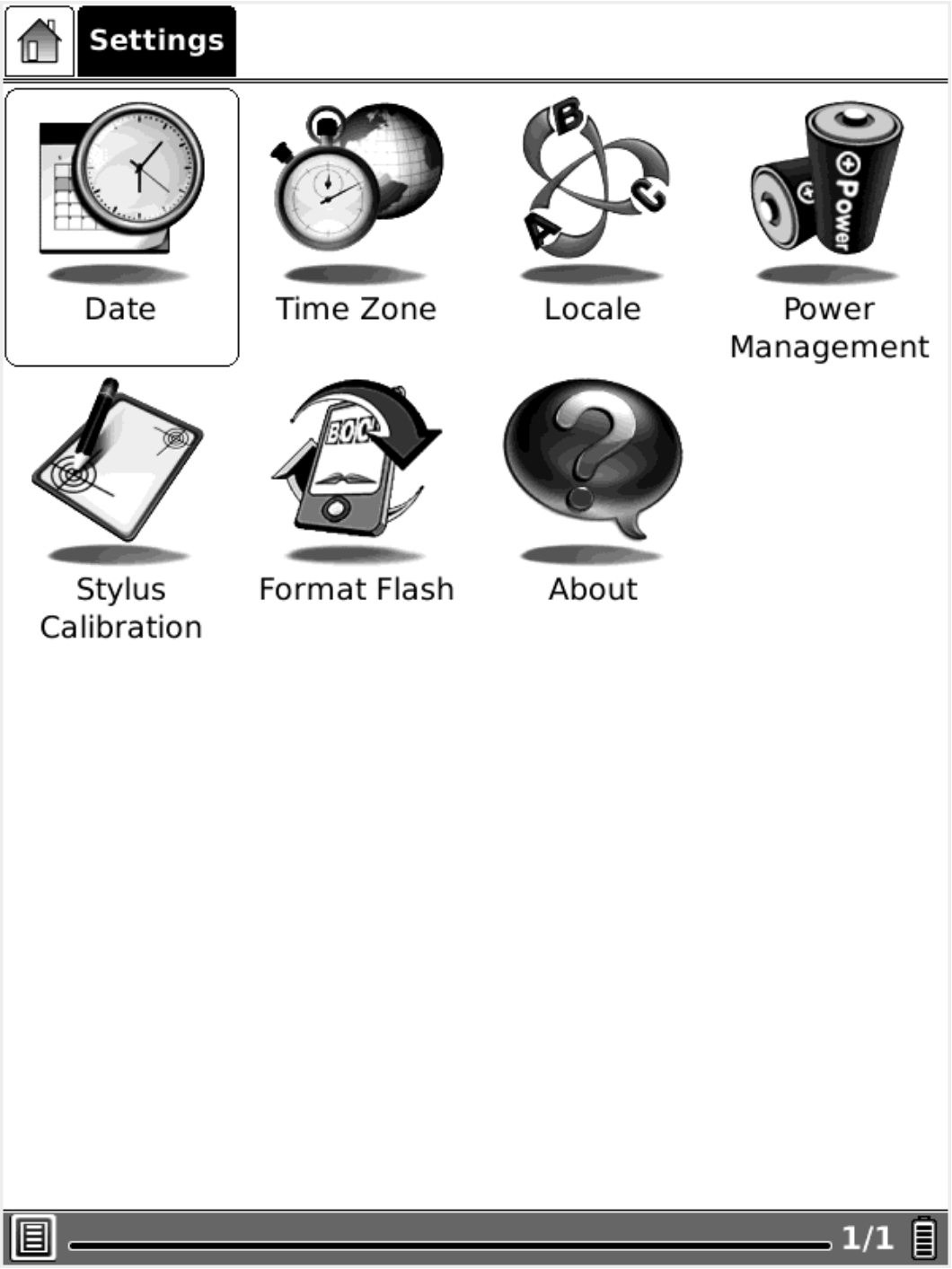


Fig. 6.1.8 Settings

Copyright © 2009 Onyx International. All rights reserved.

6.1.8.1 Date

Select the Date button in settings, you can set current date (year, month, day) and time (hour, minute, second) of device.

Fig. 6.1.8.1 Data Configuration Dialog

Copyright © 2009 Onyx International. All rights reserved.

6.1.8.2 Time Zone

Time Zone Settings
GMT-12:00 International Date Line West
GMT-11:00 Midway Island, Samoa
GMT-10:00 Hawaii
GMT-10:00 Hawaii (Daylight Savings Time)
GMT-09:00 Alaska
GMT-09:00 Alaska (Daylight Savings Time)
GMT-08:00 Tijuana, Baja California
GMT-08:00 Tijuana, Baja California (Daylight Savings ...
GMT-07:00 Arizona
GMT-07:00 Arizona (Daylight Savings Time)
GMT-06:00 Central America
GMT-06:00 Central America (Daylight Savings Time)
GMT-05:00 Bogota, Lima, Quito, Rio Branco
GMT-05:00 Bogota, Lima, Quito, Rio Branco (Daylight...
GMT-04:00 Atlantic Time(Canada)
GMT-04:00 Atlantic Time(Canada) (Daylight Savings T...
GMT-03:00 Brasilia
GMT-03:00 Brasilia (Daylight Savings Time)
GMT-02:00 Mid-Atlantic
1/3

Fig. 6.1.8.2 snapshot of Time Zone list

Copyright © 2009 Onyx International. All rights reserved.

6.1.8.3 Locale

Select the Locale Button in settings, you can set the current operation language of the device.

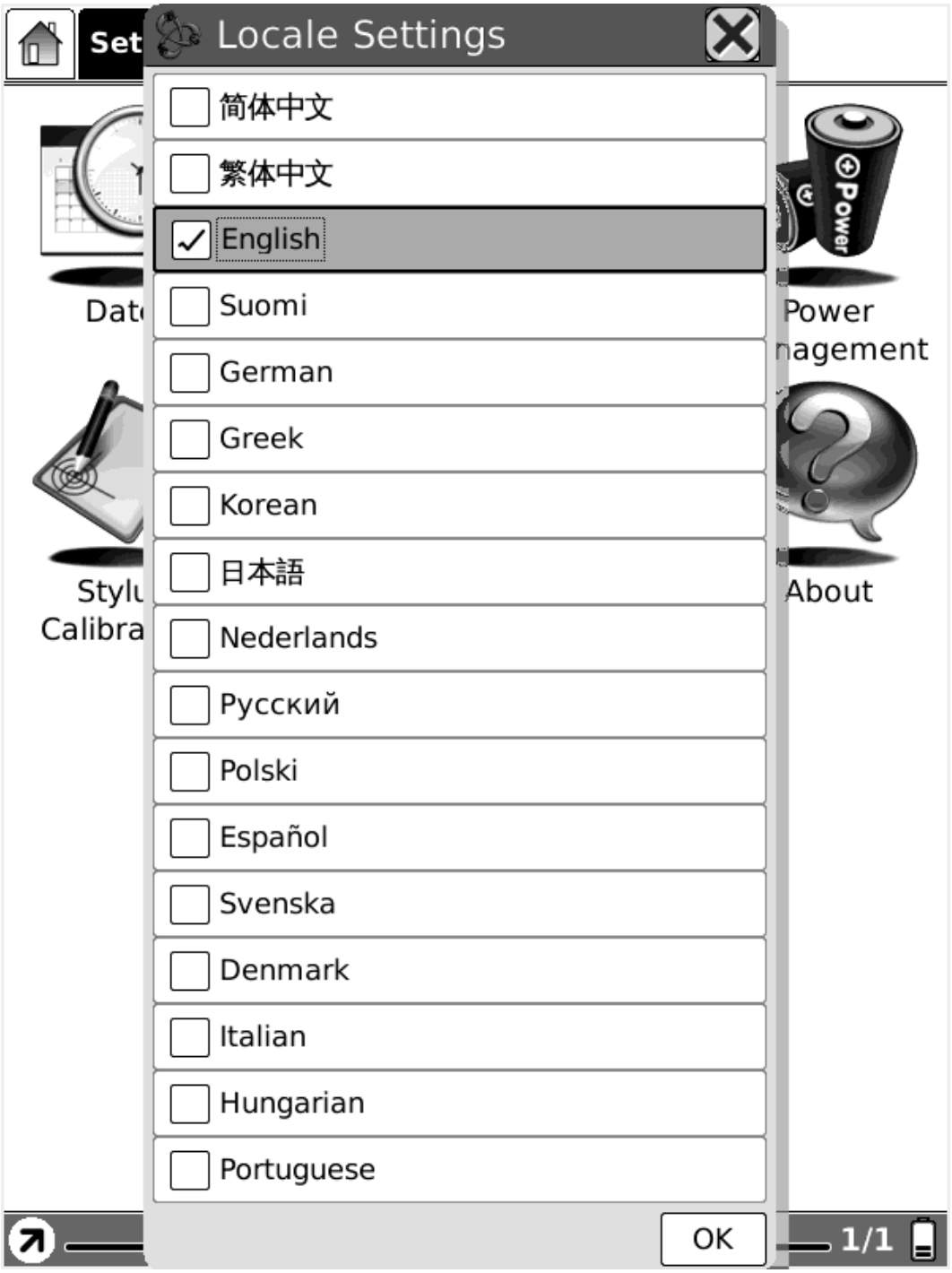


Fig. 6.1.8.3 Locale Dialog

Copyright © 2009 Onyx International. All rights reserved.

6.1.8.4 Power Management

Select the Power Management icon, you can set the time of standby and automatically shut down for the device. If the time of shutdown is set, the device won't enter standby status anymore; in the other side, if set the time of standby, the device won't shutdown automatically.

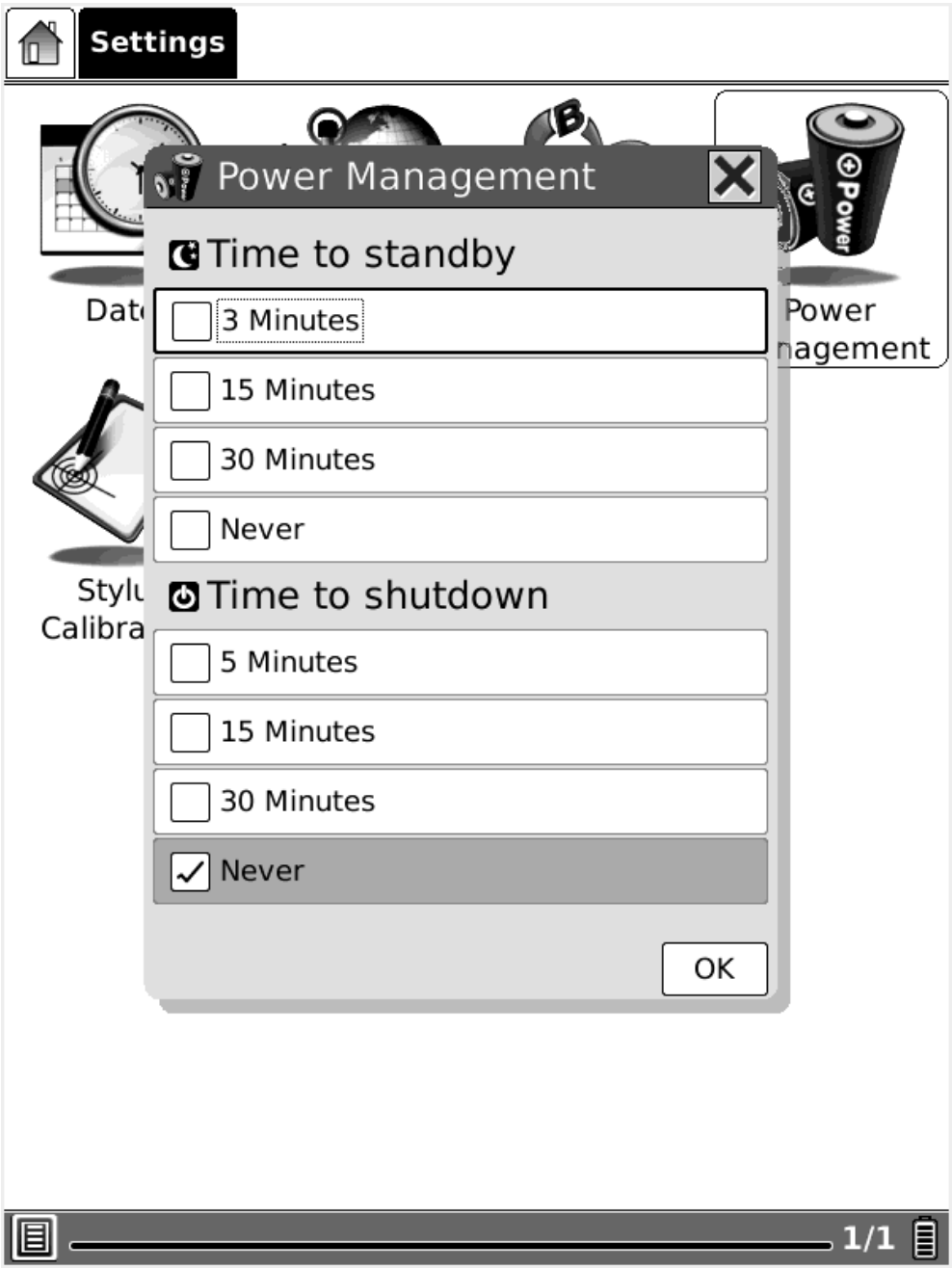


Fig. 6.1.8.4 Power Management Dialog

Copyright © 2009 Onyx International. All rights reserved.

6.1.8.5 Stylus Calibration

6.1.8.5 (1) If the tip of your stylus does not match with the position on the screen, you can improve the precision by stylus calibration. Follow the guideline displayed on the screen: 'Please press once at each of the marks shown on the screen'. Total 5 points should be click one by one.

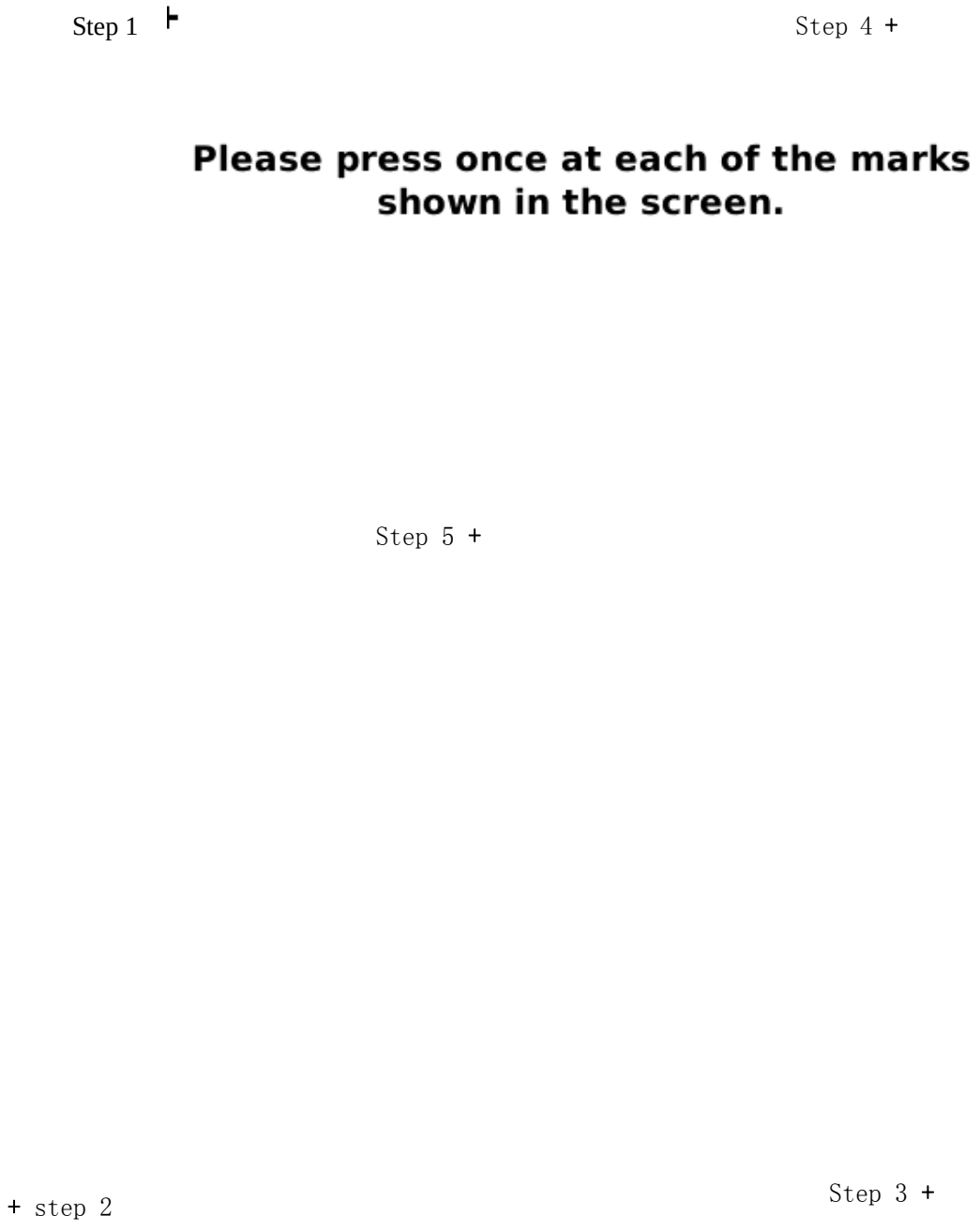


Fig. 6.1.8.5 (1) Initial Screen of Stylus Calibration

Copyright © 2009 Onyx International. All rights reserved.

6.1.8.5 (2) if Calibrate successes, the device will back to settings display .if calibrate failed, it will ask calibrate again.

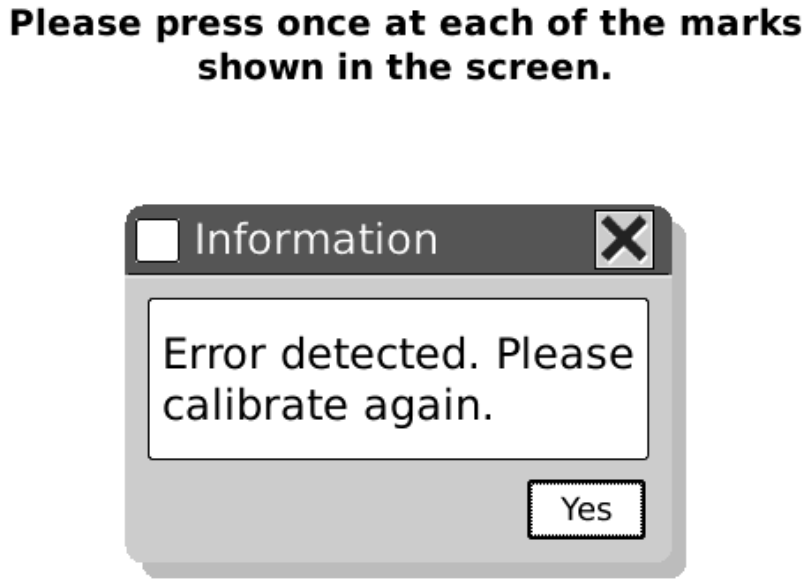


Fig. 6.1.8.5 (2) snapshot of calibrate error information

Copyright © 2009 Onyx International. All rights reserved.

6.1.8.6 Format Flash

Select Format Flash button in settings, you can format the internal flash. Note, after doing this operation all of the data in internal flash would be removed.

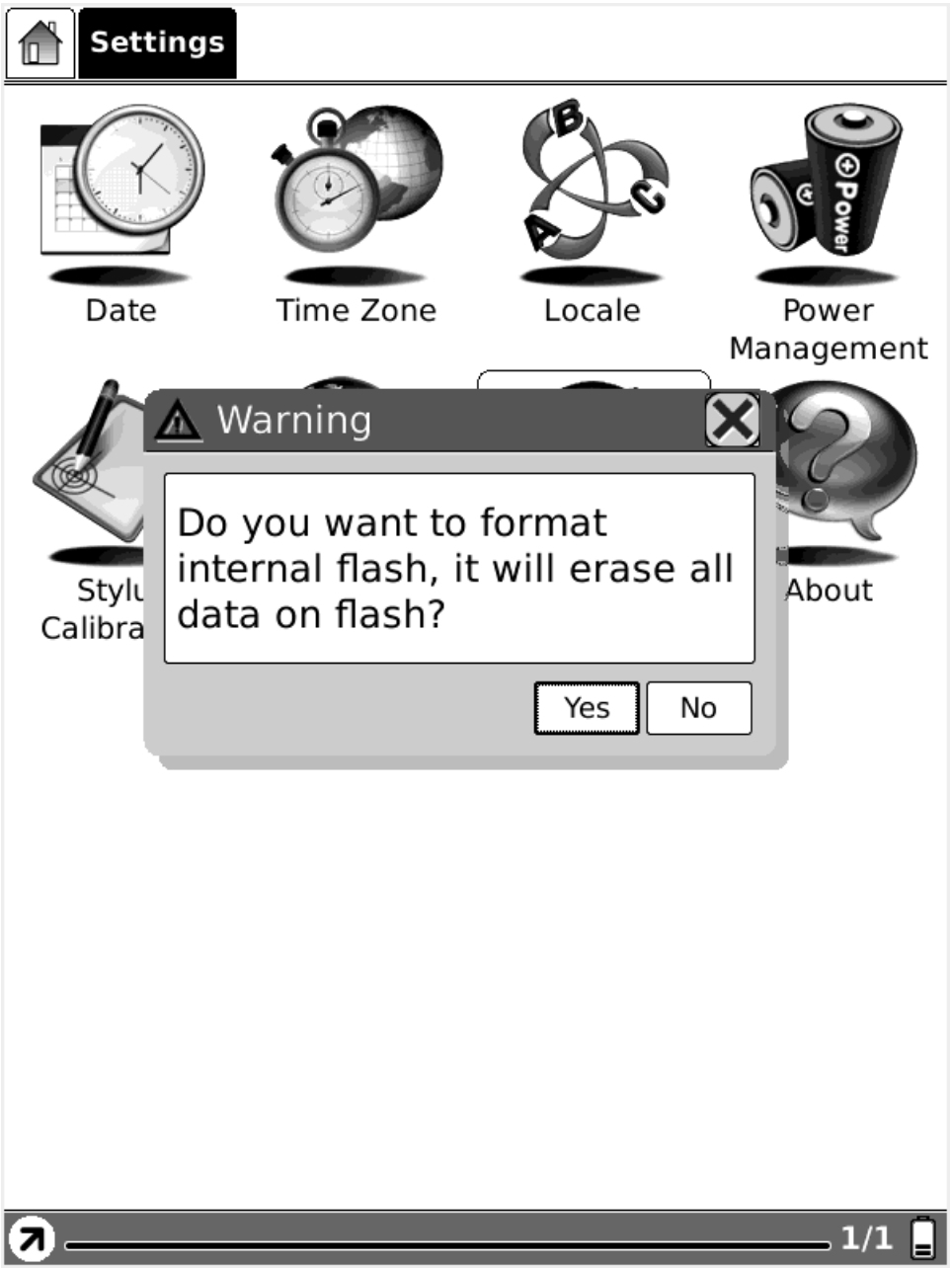


Fig. 6.1.8.6 Snapshot of Formatting Flash

Copyright © 2009 Onyx International. All rights reserved.

6.1.8.7 About

Select About button to see the information of Onyx International and Onyx's partners.

About
ONYX
Reading the World
The mission of Onyx is to bring exceptional reading experience to the consumers, to enable new business models for the publishers, and to revolutionize the publishing industry, by creating state-of-the-art e-readers and distribution platform with the newest display and communication technologies.
Firmware Version: 1.4 20100625
Device serial number: {fafa20a8-dc4b-4d6b-a4cc-1b1b59426381}
Waveform information: V110_B030_60_WE1602_BTC
1/5

Fig. 6.1.8.7 Snapshot of About Dialog

6.1.9 Web Sites

Boox provides entries to access the most common websites.

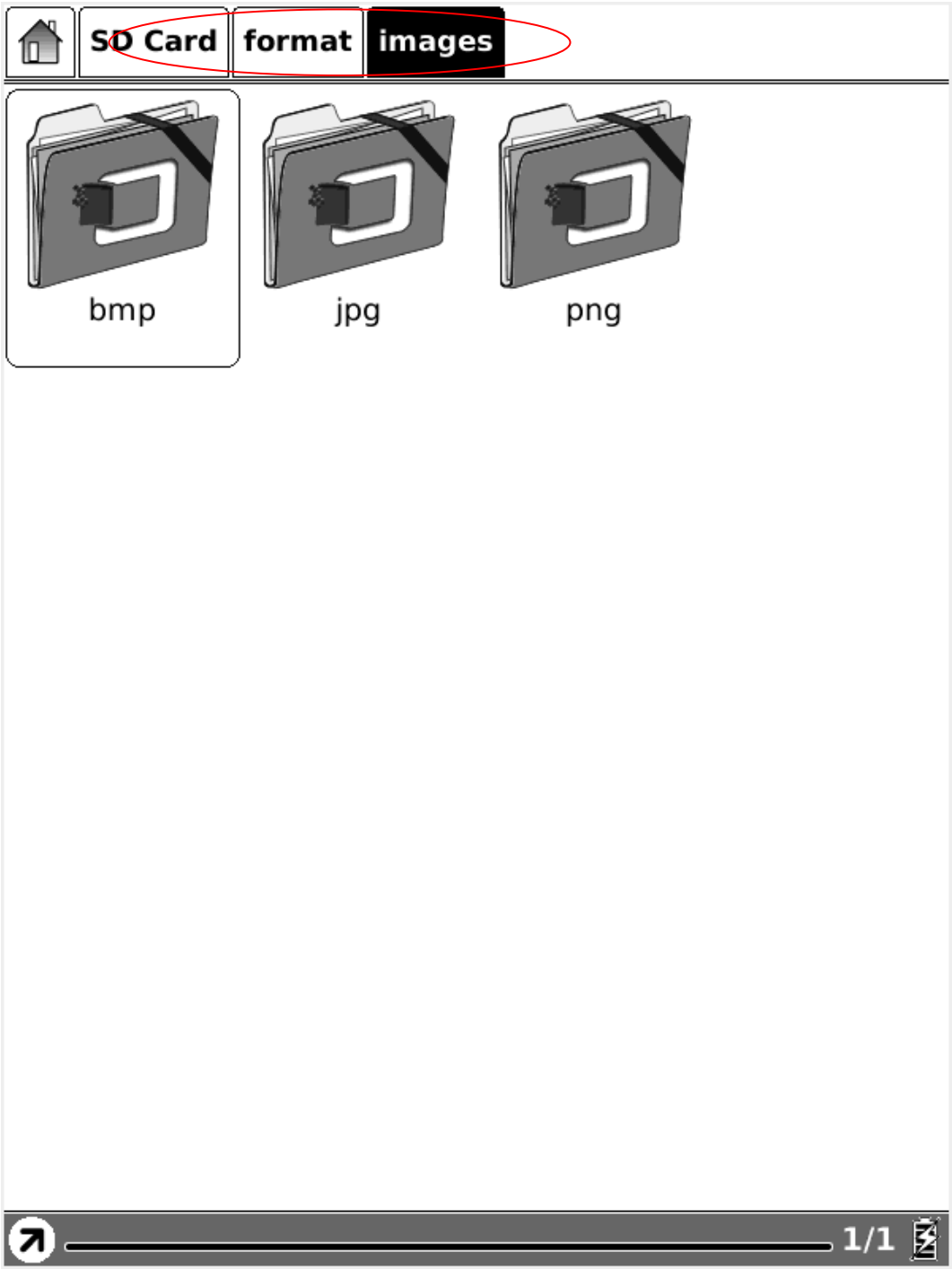
Copyright © 2009 Onyx International. All rights reserved.

Fig. 6.1.9 Common Websites

Copyright © 2009 Onyx International. All rights reserved.

6.2 Navigation Bar

Navigation bar displays the path of document. Each folder in this path is displayed as a button. You can jump into any parent folder by clicking the button.



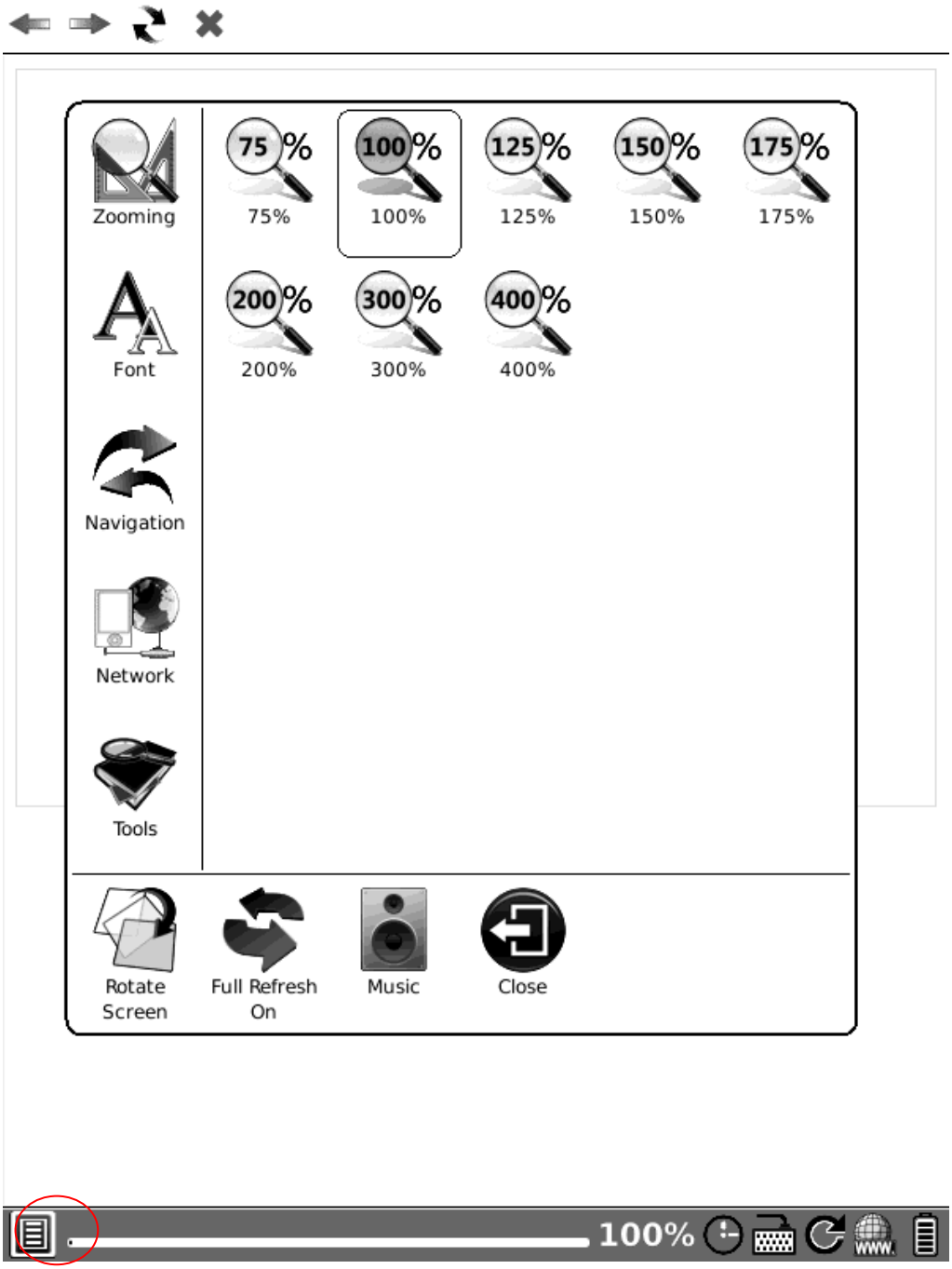
Fig, 6.2 Snapshot of Navigation Bar

Copyright © 2009 Onyx International. All rights reserved.

6.3 Tool Bar

6.3.1 Menu Button

Select the Menu button then the menu pops up. Most of the operations to Boox should be done by accessing the menu.



Fig, 6.3.1 Snapshot of Menu

Copyright © 2009 Onyx International. All rights reserved.

6.3.2 Progress Bar

6.3.2 (1) Progress bar displays the reading progress of viewing documents. The number of current page and the total pages are displayed on the right of the progress bar. Clicking or dragging on the progress bar leads to flipping screens.

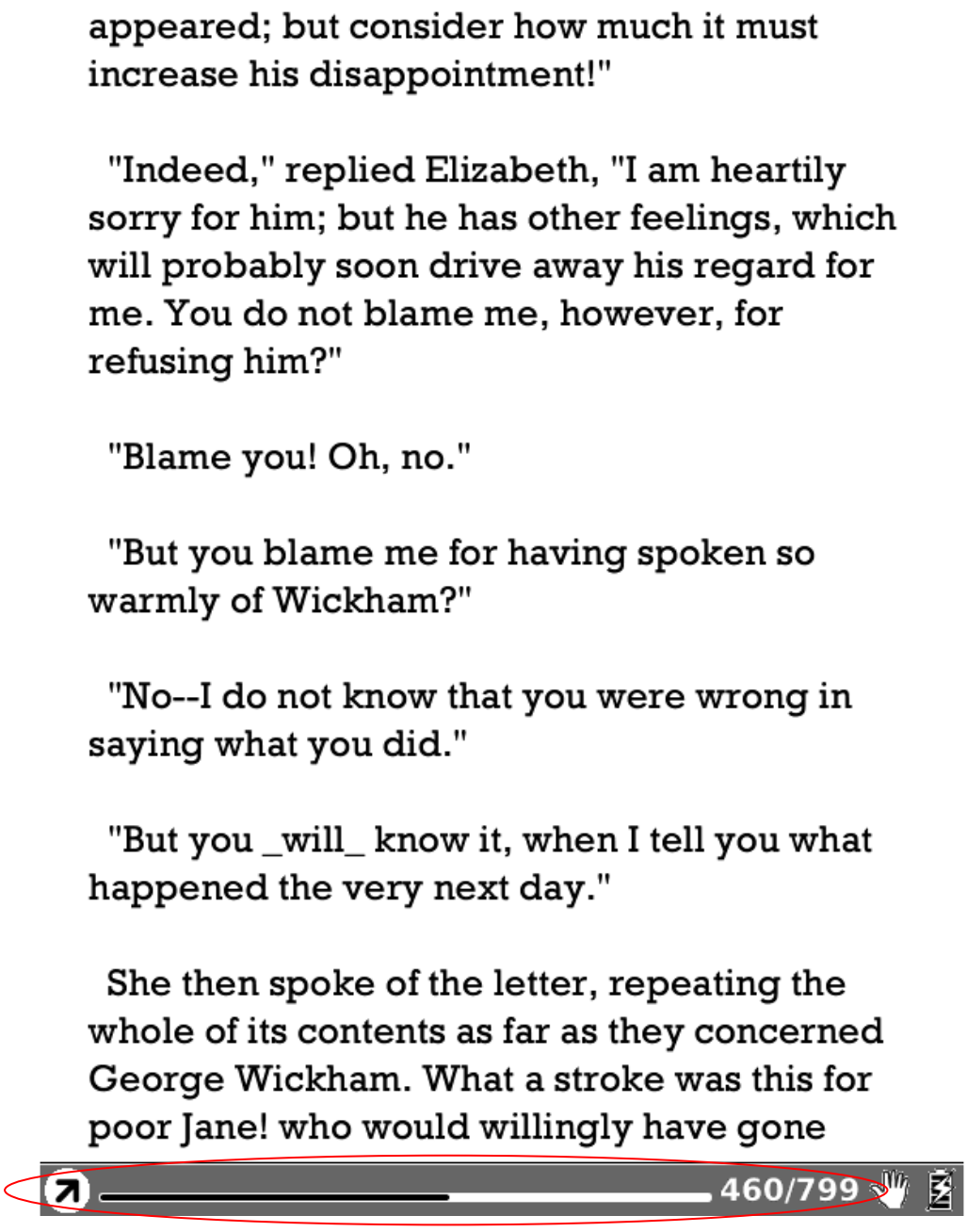

appeared; but consider how much it must increase his disappointment!"
"Indeed," replied Elizabeth, "I am heartily sorry for him; but he has other feelings, which will probably soon drive away his regard for me. You do not blame me, however, for refusing him?"
"Blame you! Oh, no."
"But you blame me for having spoken so warmly of Wickham?"
"No--I do not know that you were wrong in saying what you did."
"But you _will_ know it, when I tell you what happened the very next day."
She then spoke of the letter, repeating the whole of its contents as far as they concerned George Wickham. What a stroke was this for poor Jane! who would willingly have gone
460/799

Fig. 6.3.2 (1) Snapshot of Progress Bar while Viewing Document

Copyright © 2009 Onyx International. All rights reserved.

6.3.2 (2) Progress bar displays the progress (in ratio) of loading a website.

Web Images Videos Maps News Shopping Gmail more ▾ iGoogle | Search settings |
Google
Google Search
I'm Feeling Lucky
Advertising Programs - Business Solutions - About Google - Go to Google China
©2009 - Privacy
Loading... 60%

Fig. 6.3.2 (2) Snapshot of Progress Bar while Loading Website

Copyright © 2009 Onyx International. All rights reserved.

6.3.3 (3) Progress bar displays the relative position of current viewport while viewing a website. Clicking or dragging on the progress bar leads to moving the viewport.

Web Images Videos Maps News Shopping Gmail more ▾ iGoogle | Search settings |
Google
Google Search
I'm Feeling Lucky
Advertising Programs - Business Solutions - About Google - Go to Google China
©2009 - Privacy
100%

Fig. 6.3.3 (3) Snapshot of Progress Bar while Viewing Website

Copyright © 2009 Onyx International. All rights reserved.

6.3.3 Stylus Indicator

The stylus indicator is shown while viewing PDF/Epub/Image document.

6.3.3.1 Sketch

This icon appears when device enters sketch status. You can sketch on the drawing area of the screen.

6.3.3.2 Erase Sketches

This icon appears when device enters erasing sketch status. You can erase the sketches displayed on screen. If the pen hits the notes, the notes disappear immediately.

6.3.3.3 Hand Tool

This icon appears when device enters dragging status. You can drag the content by stylus as using the hand.

6.3.3.4 Selection Zoom

This icon appears when device enters selection zoom status. You can zoom in the content you are interested by stylus. A box appears following the track of the pen, and then the area of the box would be zoomed in to fit the screen.

6.3.3.5 Annotate

This icon appears when device enters annotation status. You can take annotations on the

Copyright © 2009 Onyx International. All rights reserved.

text-based content. The annotated texts are highlighted following the track of the pen.

6.3.3.5 Erase Annotations

This icon appears when device enters erasing annotation status. You can erase the annotations displayed on screen by stylus. If the pen hits the highlighted texts, the highlighting effect on these texts disappears.

6.3.4 Power Indicator

Power indicator shows current status of the battery.

6.4 Menu

6.4.1 Screen Rotation

Rotate the screen by clicking this button. The screen rotates between 0° and 270° (counterclockwise).

6.4.2 Save Remove SD Card

Safely remove SD card from Boox by clicking this button.

6.4.3 Music

Launch the music player by clicking this button.

6.4.4 Standby

Turn Boox into standby status by clicking this button. Once standby, Boox stops working

Copyright © 2009 Onyx International. All rights reserved.

and screen saver (pictures) appears. Boox consumes very little power while standing by.

Pressing any key can wake up the device from standby status.

6.4.5 Shutdown

Shut down Boox by clicking this button.

6.4.6 View

View means the way of displaying and arranging contents in main view.

6.4.6.1 List View

Display the contents by listing. The name, type, size and last access time of the document are displayed.

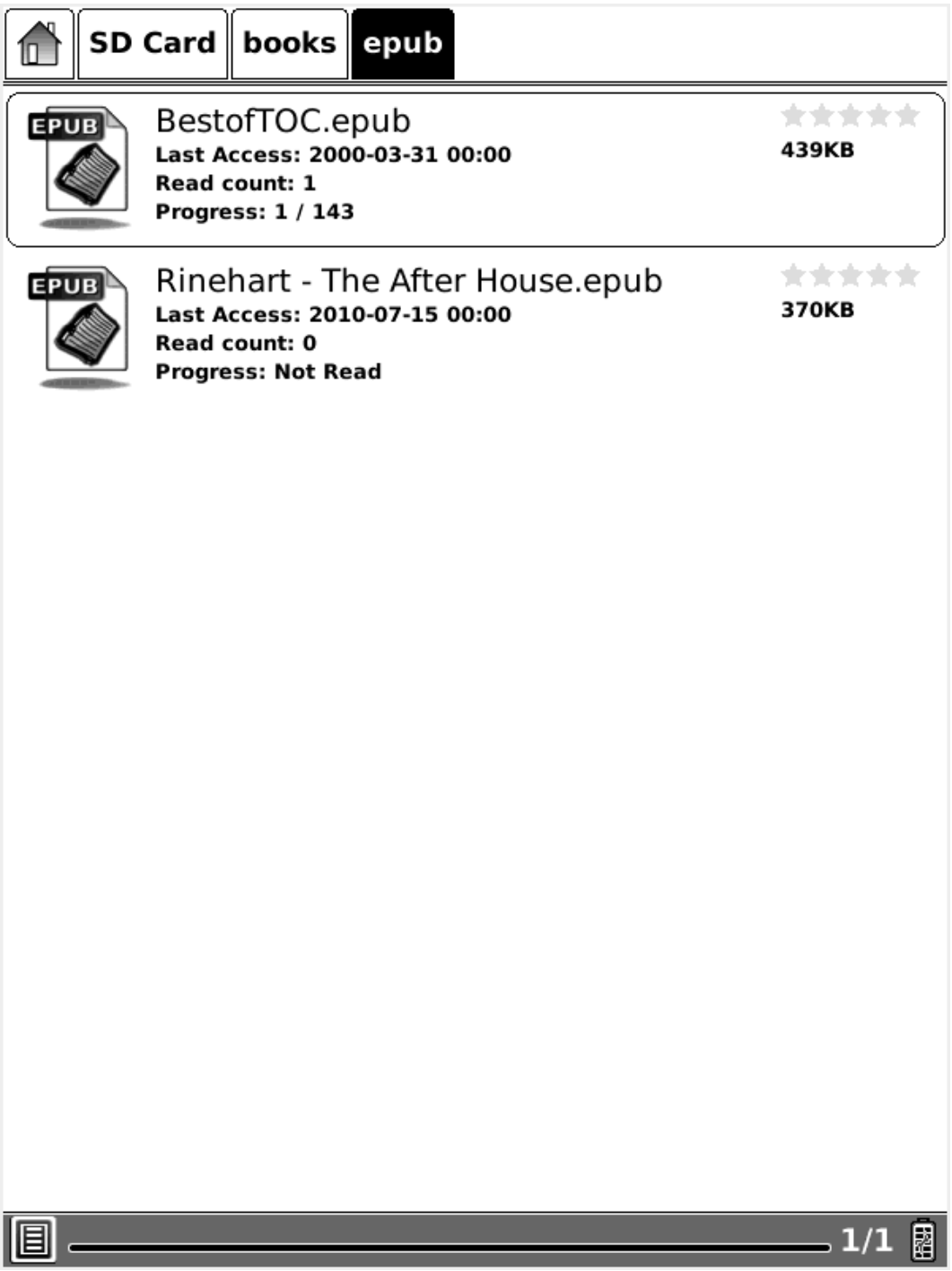
Copyright © 2009 Onyx International. All rights reserved.

Fig. 6.4.6.1 Snapshot of List View

Copyright © 2009 Onyx International. All rights reserved.

6.4.6.2 Details View

Display the contents in details. The details includes name, last access time, read count and reading progress.



6.4.6.2 Snapshot of Details View

Copyright © 2009 Onyx International. All rights reserved.

6.4.6.3 Thumbnail View

Display the contents in thumbnails. For image format (including JPEG/BMP/PNG/…), the thumbnail of image is displayed. For other document format, the large icon of the format is displayed.

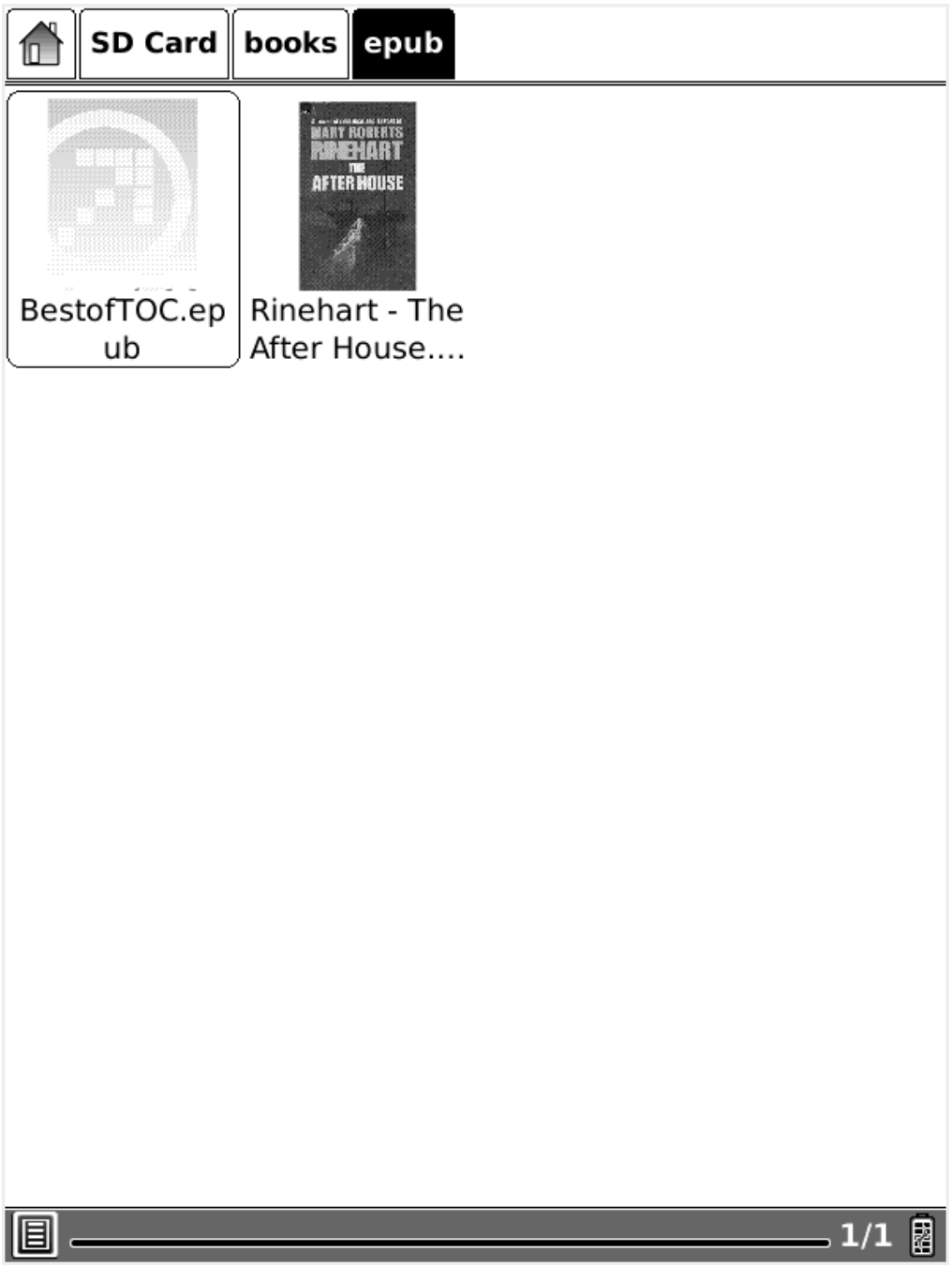


Fig. 6.4.6.3 Snapshot of Thumbnail View

Copyright © 2009 Onyx International. All rights reserved.

6.4.6.4 Sorting types

6.4.6.4(1) by Name , by Type , by Size , by Access Time ,by Ascending , by Descending .

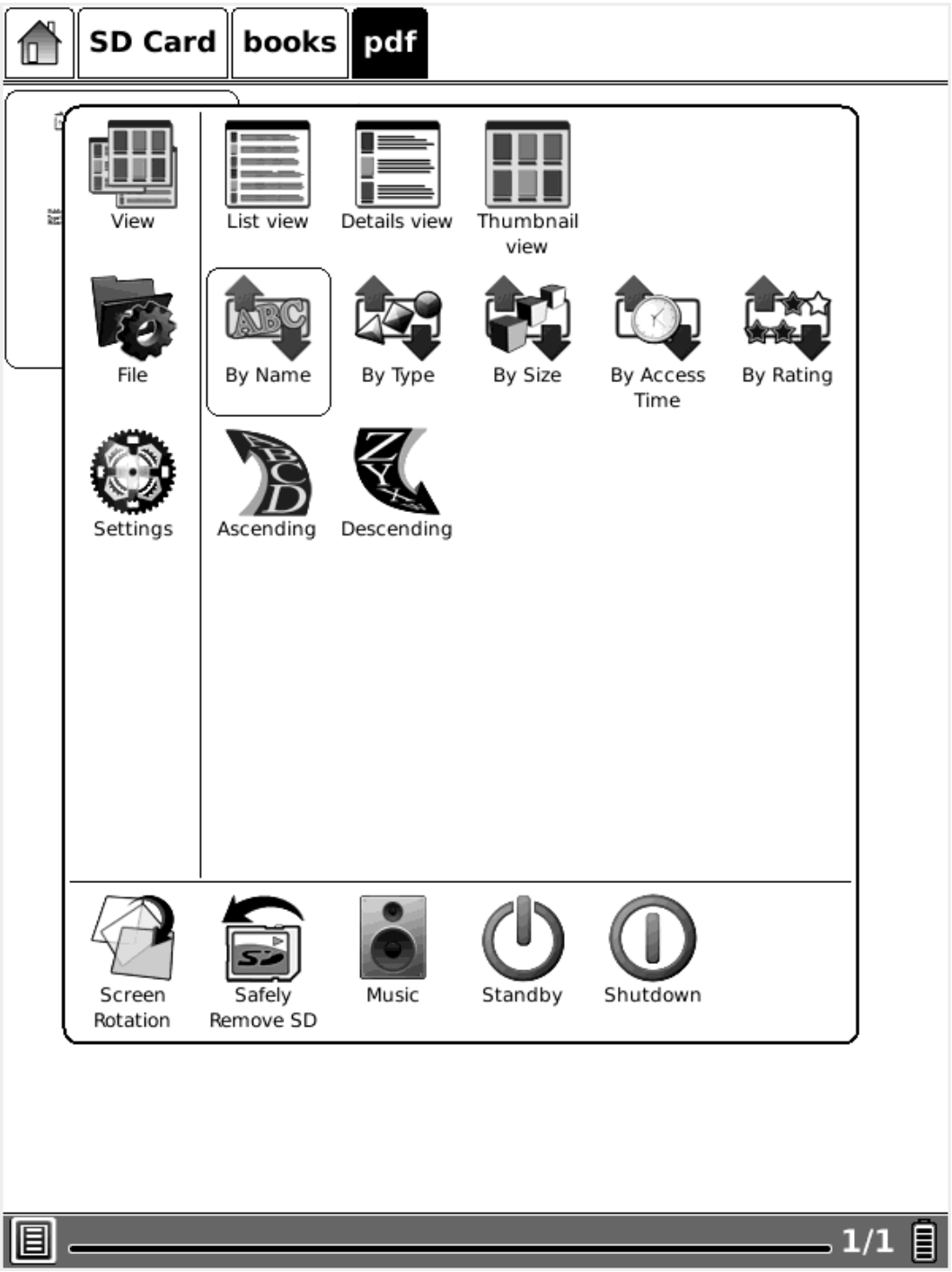


Fig. 6.4.6.4(1) Snapshot of sorting types

Copyright © 2009 Onyx International. All rights reserved.

6.4.6.4(2) in List View also can use stylus to sort the files by Name, Type, Size, Last Access bar.

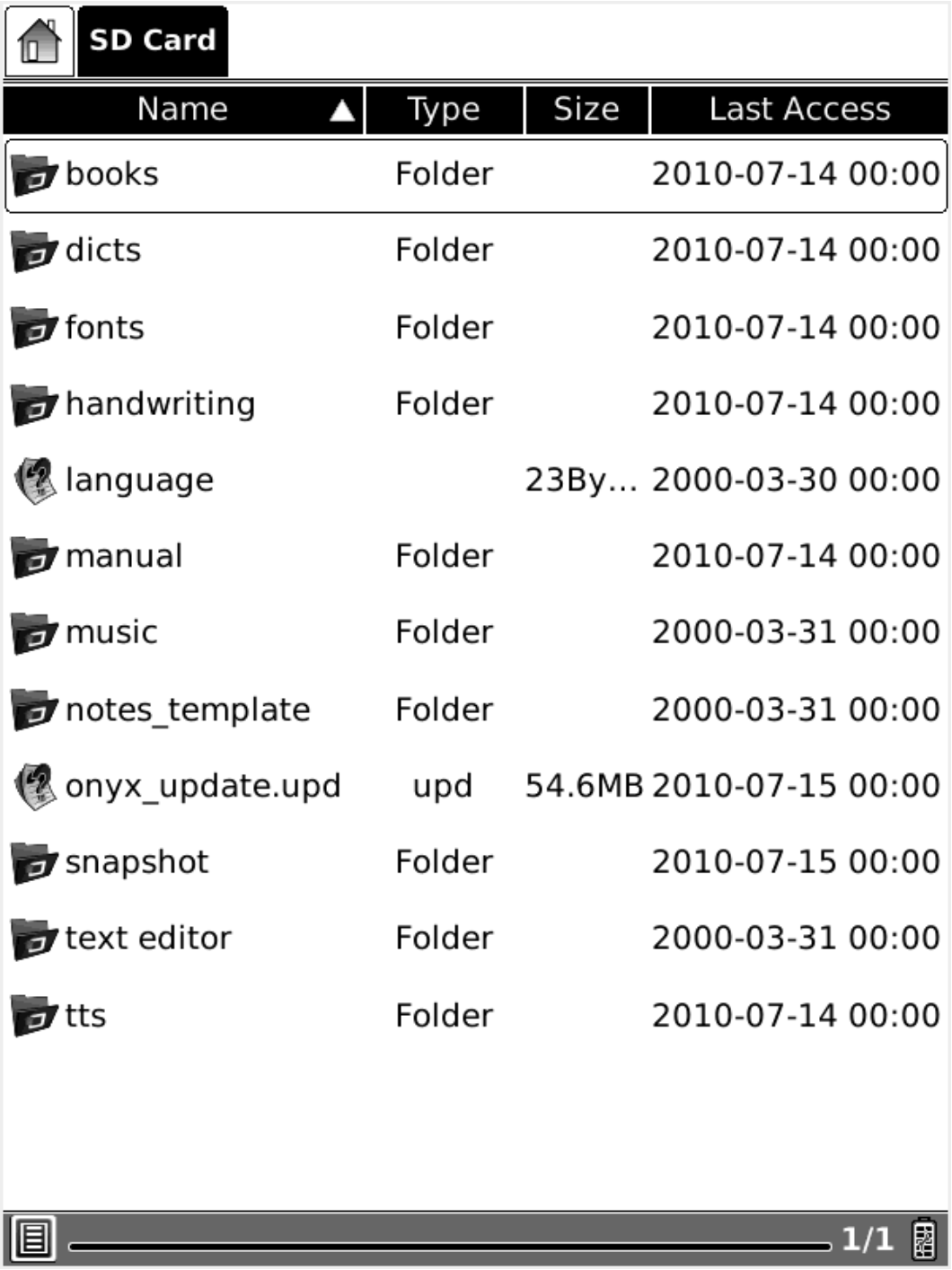


Fig. 6.4.6.4(2) Snapshot of sorting types 2

Copyright © 2009 Onyx International. All rights reserved.

6.4.6.4(3) in Details View sort files by Rating.

Fig. 6.4.6.4(3) Snapshot of sorting by Rating

Copyright © 2009 Onyx International. All rights reserved.

6.4.7 File

File means the operations to a file.

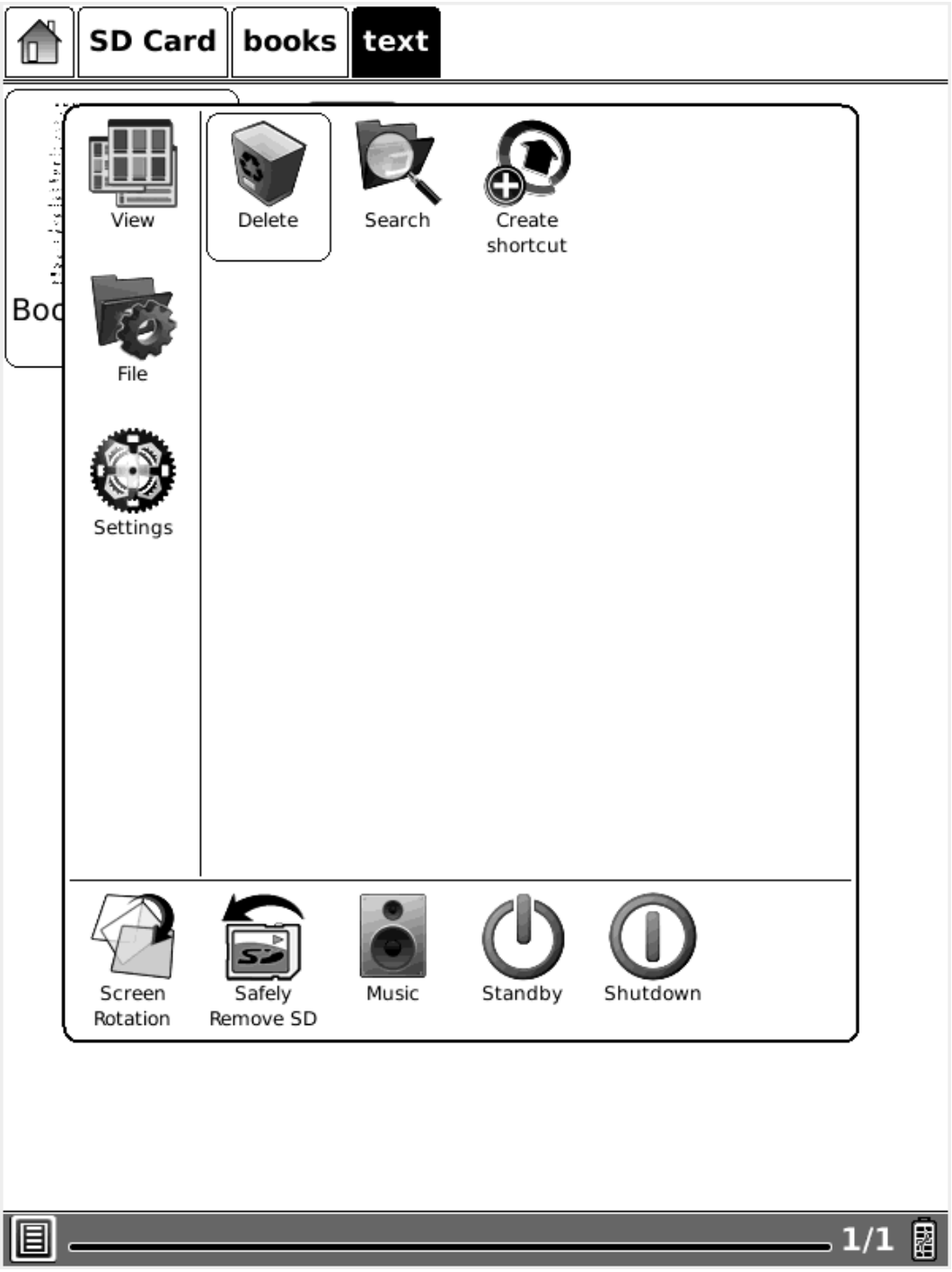


Fig. 6.4.7 Snapshot of Files display

Copyright © 2009 Onyx International. All rights reserved.

6.4.7.1 Delete

Delete a selected file.

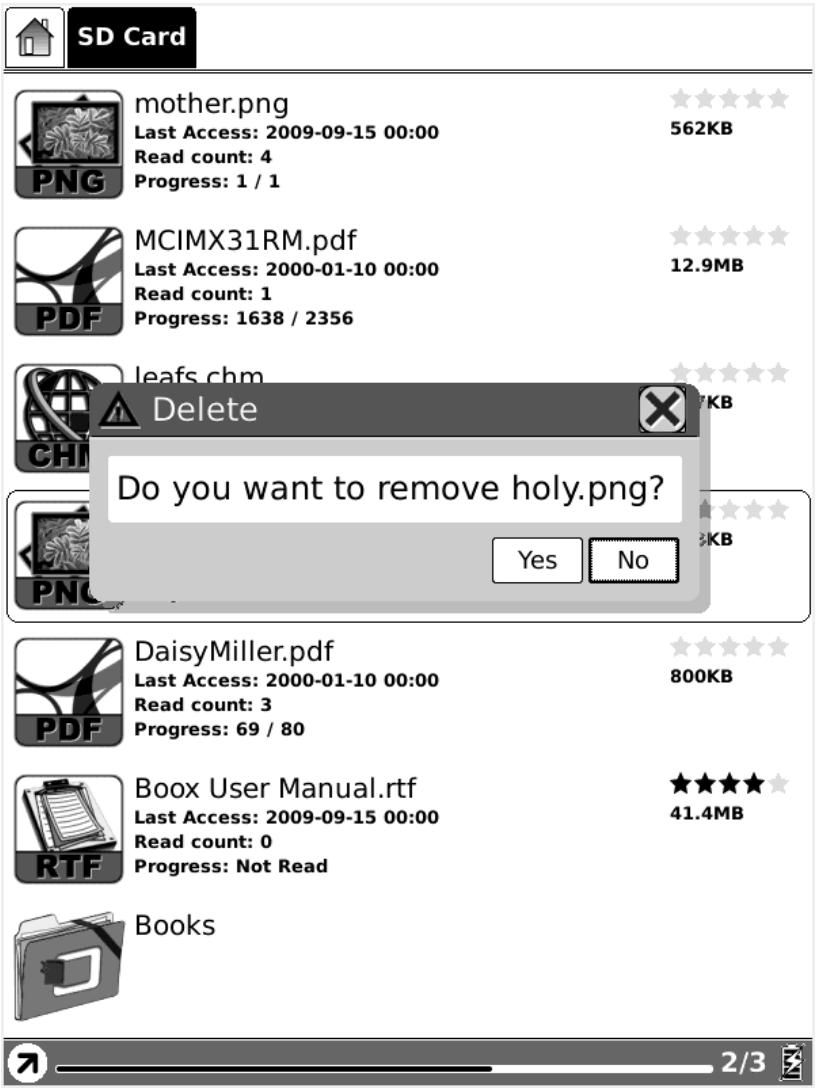


Fig. 6.4.7.1 Delete a Selected File

Copyright © 2009 Onyx International. All rights reserved.

6.4.7.2 Search

Search for target file by given pattern. The search results are displayed in the main view.

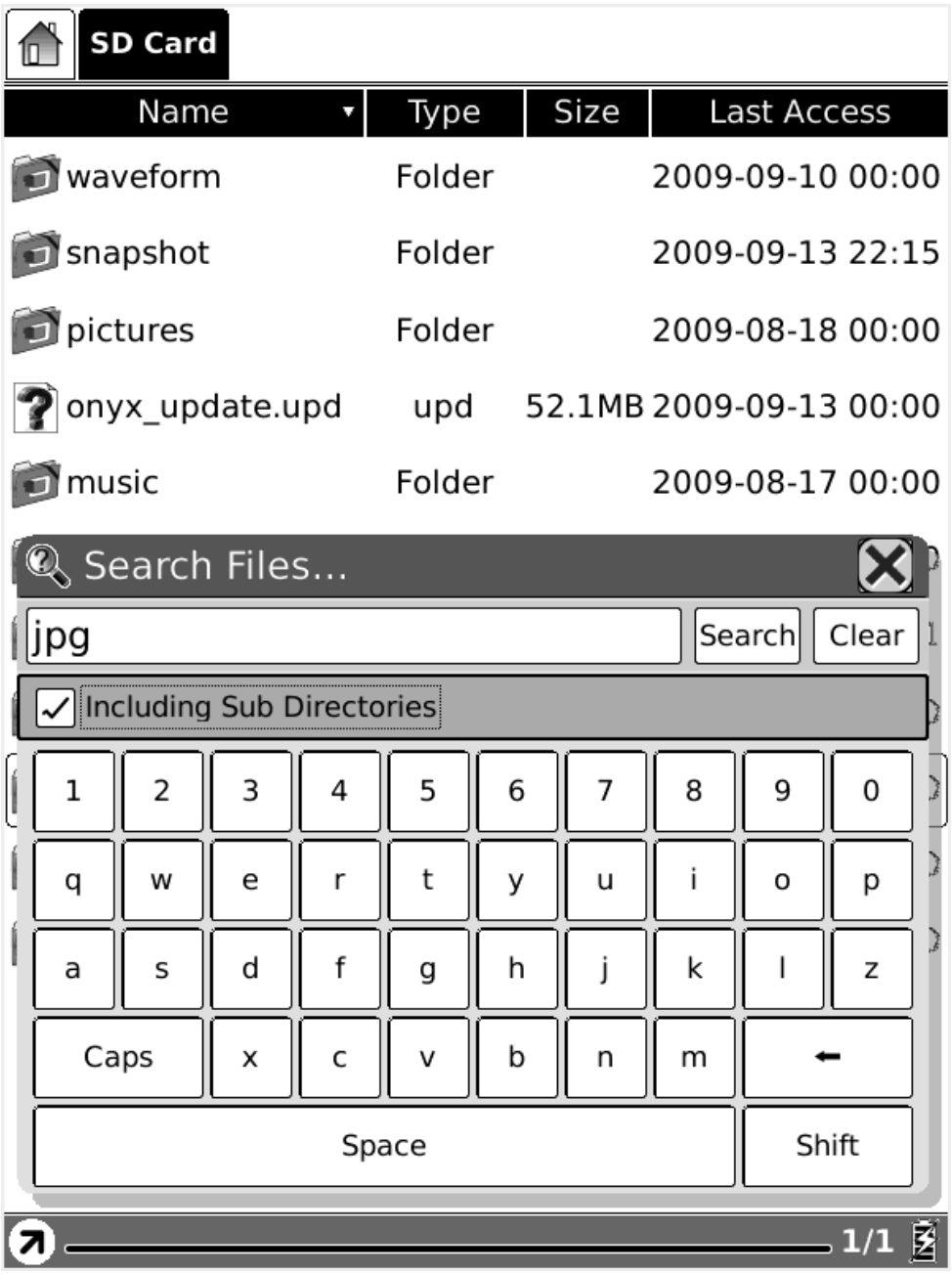


Fig. 6.4.7.2 Search Files by Given Pattern

Copyright © 2009 Onyx International. All rights reserved.

6.4.8 Settings

Settings in menu is identical with the Setting button in main view. Please refer to 6.1.8 for details.

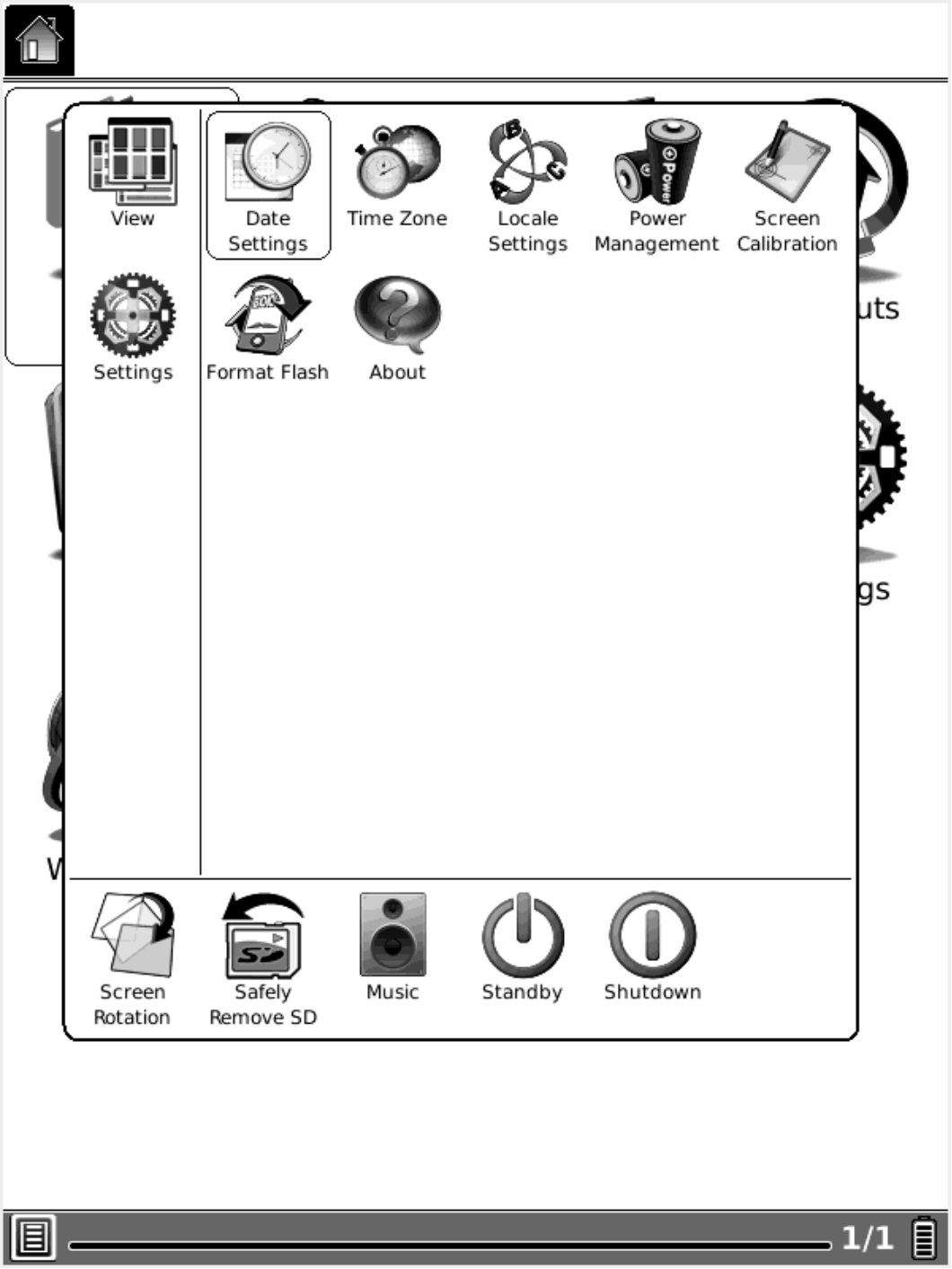


Fig. 6.4.8 Snapshot of Settings display

Copyright © 2009 Onyx International. All rights reserved.

6.4.9 Font

Configure the font size and/or shape while viewing document.

6.4.9.1 By Ratio

Configure the font size by several font levels: 100% to 500%. This function is activated while viewing PDF/EPub, and 25% to 400% for CHM/HTML document.

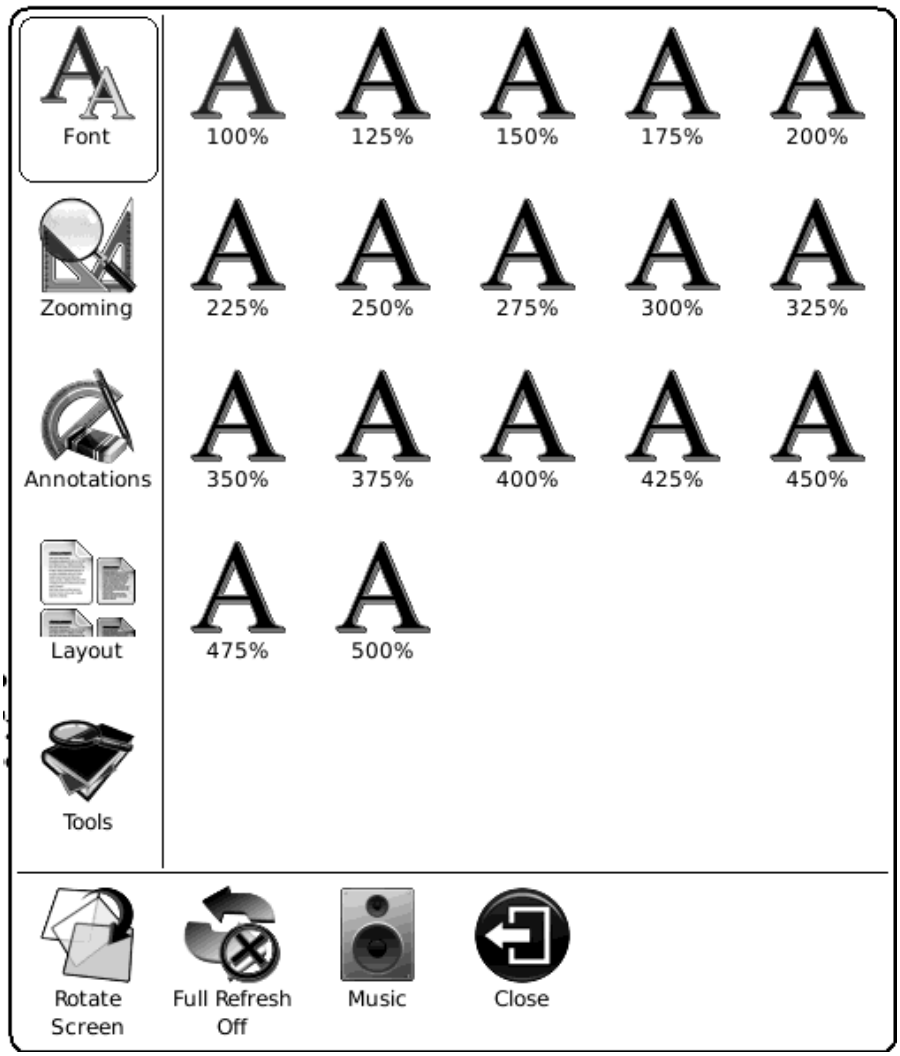


Fig. 6.4.9.1 Configure the Font Size by Levels

Copyright © 2009 Onyx International. All rights reserved.

6.4.9.2 By Numbers

Configure the font size by actually number. This function is activated while viewing TXT/Mobi(non-drm)/DOC document.

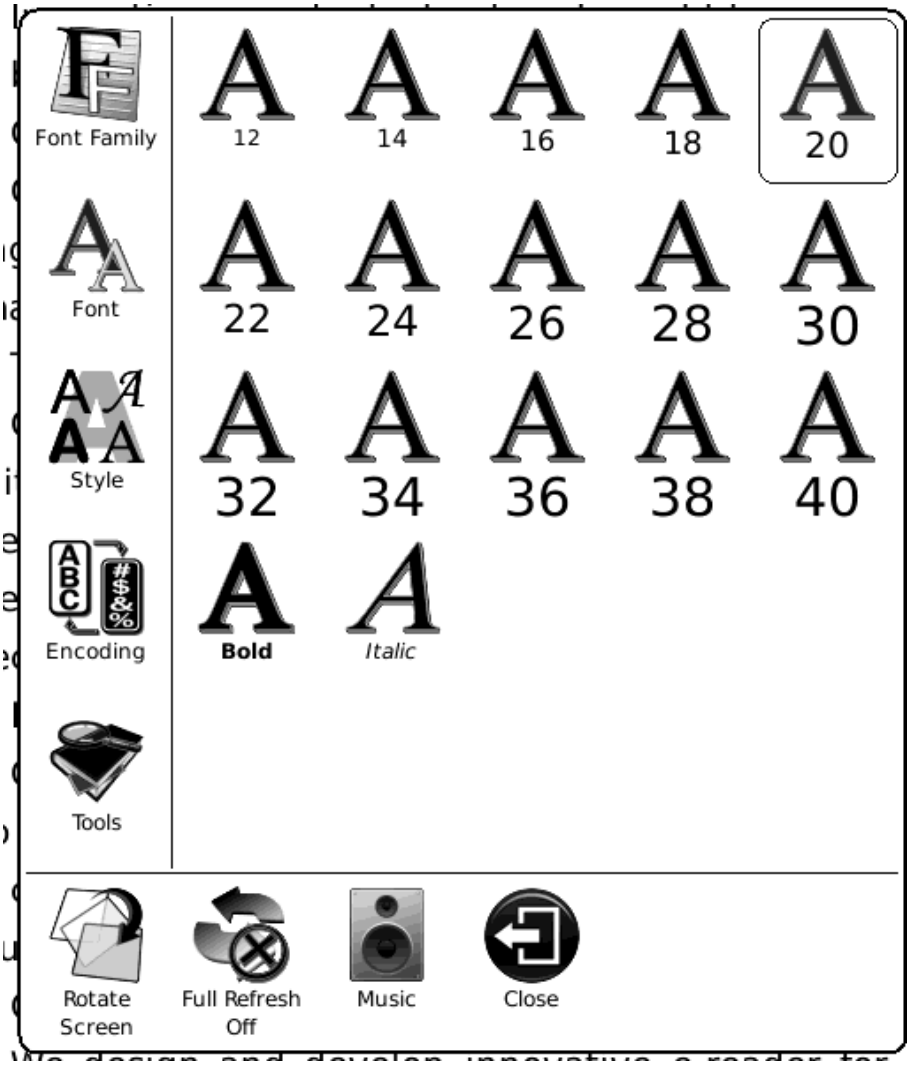


Fig. 6.4.9.2 Configure the Font Size by Numbers

Copyright © 2009 Onyx International. All rights reserved.

6.4.9.3 Bold/ Italic

Set the font bold/ Italic.

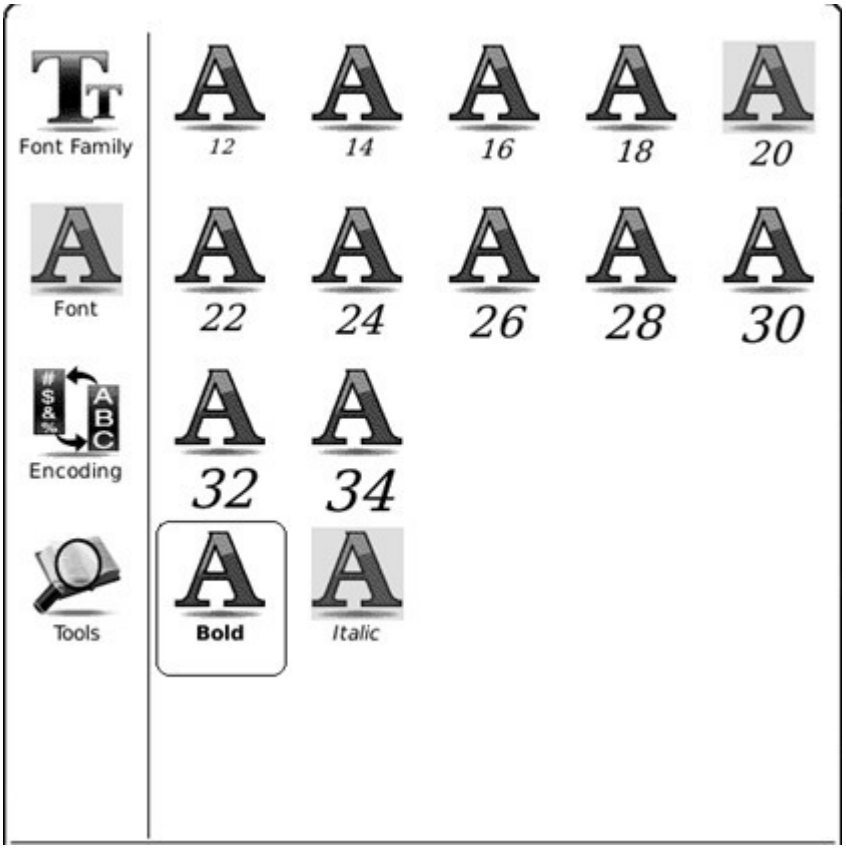


Fig. 6.4.9.3 Configure the Font to be Bold/Italic

Copyright © 2009 Onyx International. All rights reserved.

6.4.10 Zooming

Adjust the zoom of current screen. The screen can be scaled by fixed value (such as zooming to page, 75%, 200%). The screen can also be scaled up by given stylus box (selection zoom).

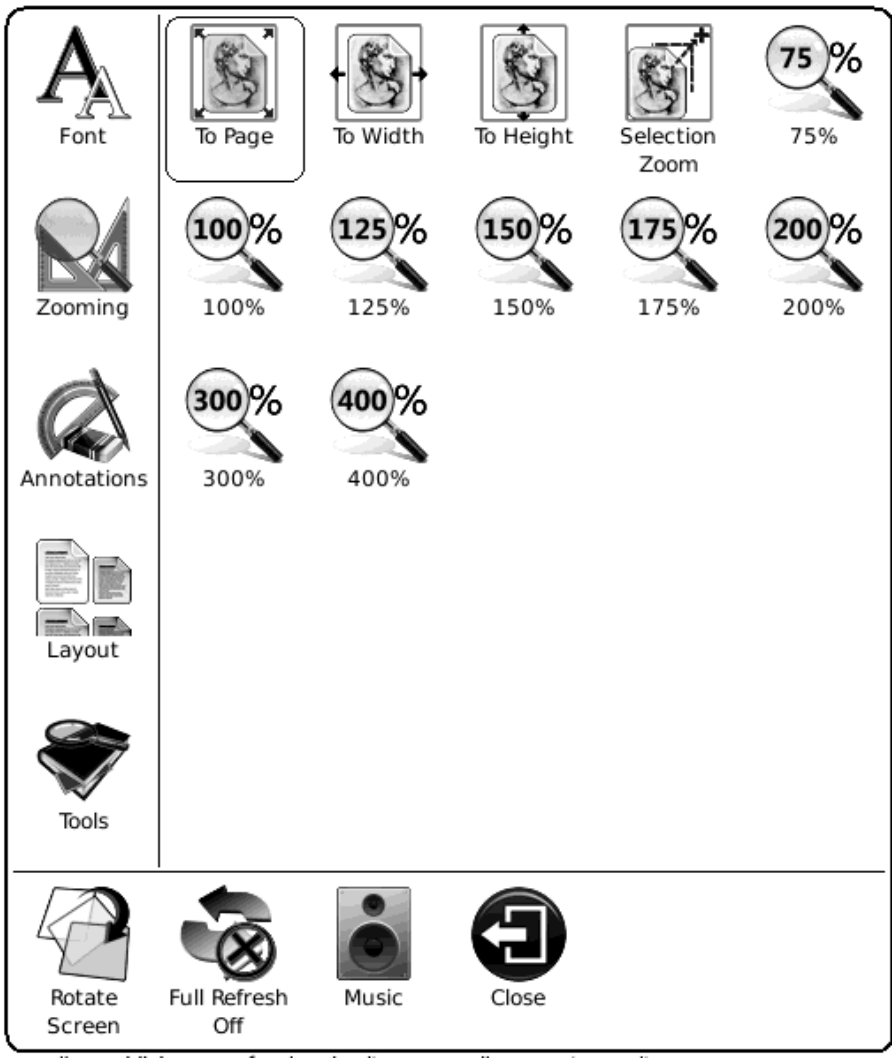


Fig. 6.4.10 Snapshot of Zooming display

Copyright © 2009 Onyx International. All rights reserved.

6.4.10.1 To Page

Zoom the current page/image to fit the screen.

6.4.10.2 To Width

Zoom the current page/image to fit the width of screen.

6.4.10.3 To Height

Zoom the current page/image to fit the height of screen.

6.4.10.4 Selection Zoom

Scale up the current screen by selecting a box. The content in the selected box is enlarged to fill the whole drawing area.

Copyright © 2009 Onyx International. All rights reserved.

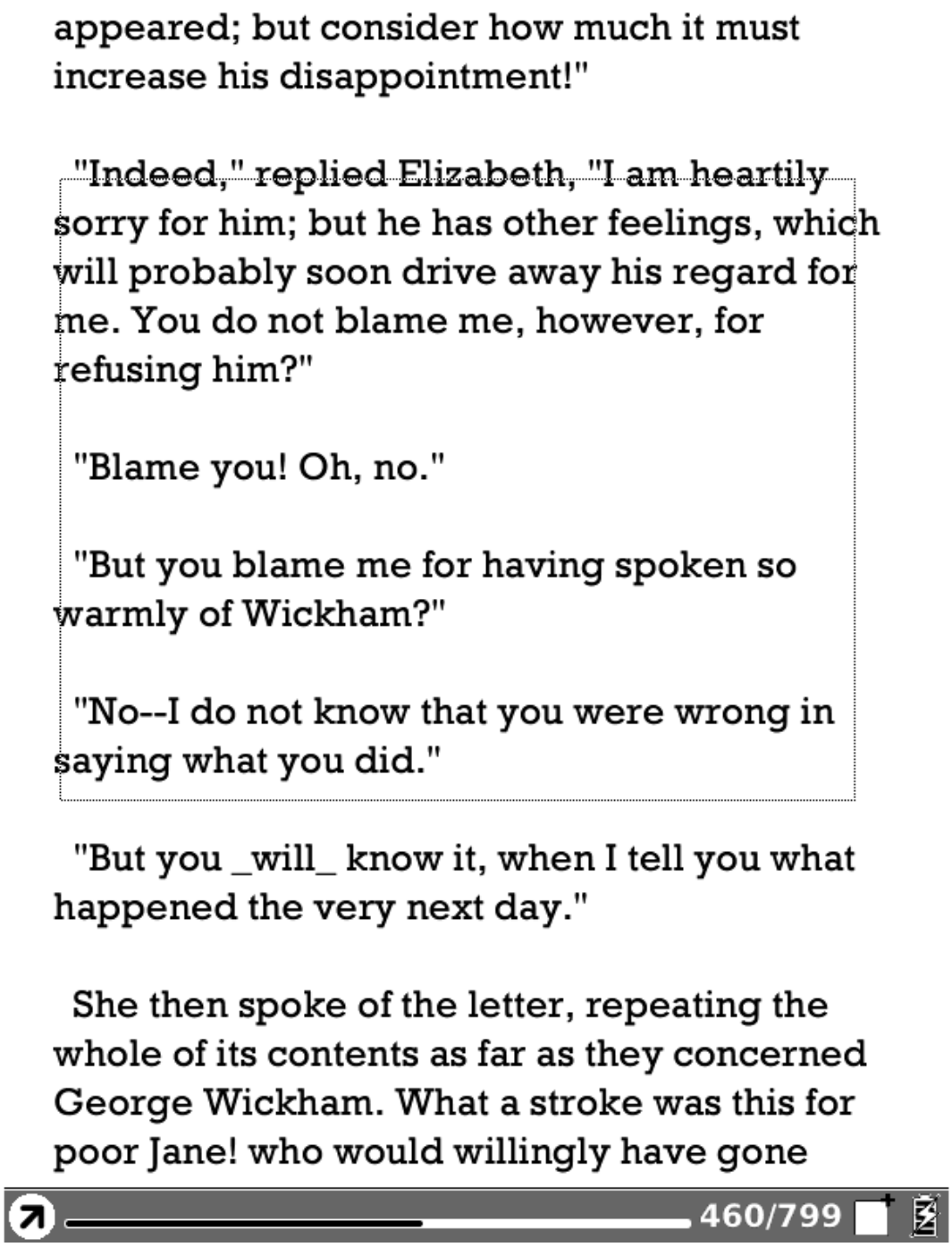

appeared; but consider how much it must increase his disappointment!"
"Indeed," replied Elizabeth, "I am heartily sorry for him; but he has other feelings, which will probably soon drive away his regard for me. You do not blame me, however, for refusing him?"
"Blame you! Oh, no."
"But you blame me for having spoken so warmly of Wickham?"
"No--I do not know that you were wrong in saying what you did."
"But you _will_ know it, when I tell you what happened the very next day."
She then spoke of the letter, repeating the whole of its contents as far as they concerned George Wickham. What a stroke was this for poor Jane! who would willingly have gone
460/799

Fig. 6.4.10.4 (1) Snapshot of Selection Zoom

Copyright © 2009 Onyx International. All rights reserved.

appeared; but consider how much it must increase his disappointment!"

"Indeed," replied Elizabeth, "I am heartily sorry for him; but he has other feelings, which will probably soon drive away his regard for me. You do not blame me, however, for refusing him?"

"Blame you! Oh, no."

"But you blame me for having spoken so warmly of Wickham?"

"No--I do not know that you were wrong in saying what you did."

"But you _will_ know it, when I tell you what happened the very next day."

She then spoke of the letter, repeating the

Fig. 6.4.10.4 (2) Snapshot of the Render Result after Selection Zoom

Copyright © 2009 Onyx International. All rights reserved.

6.4.10.5 By Ratio

Zoom the current page/image by ratio.

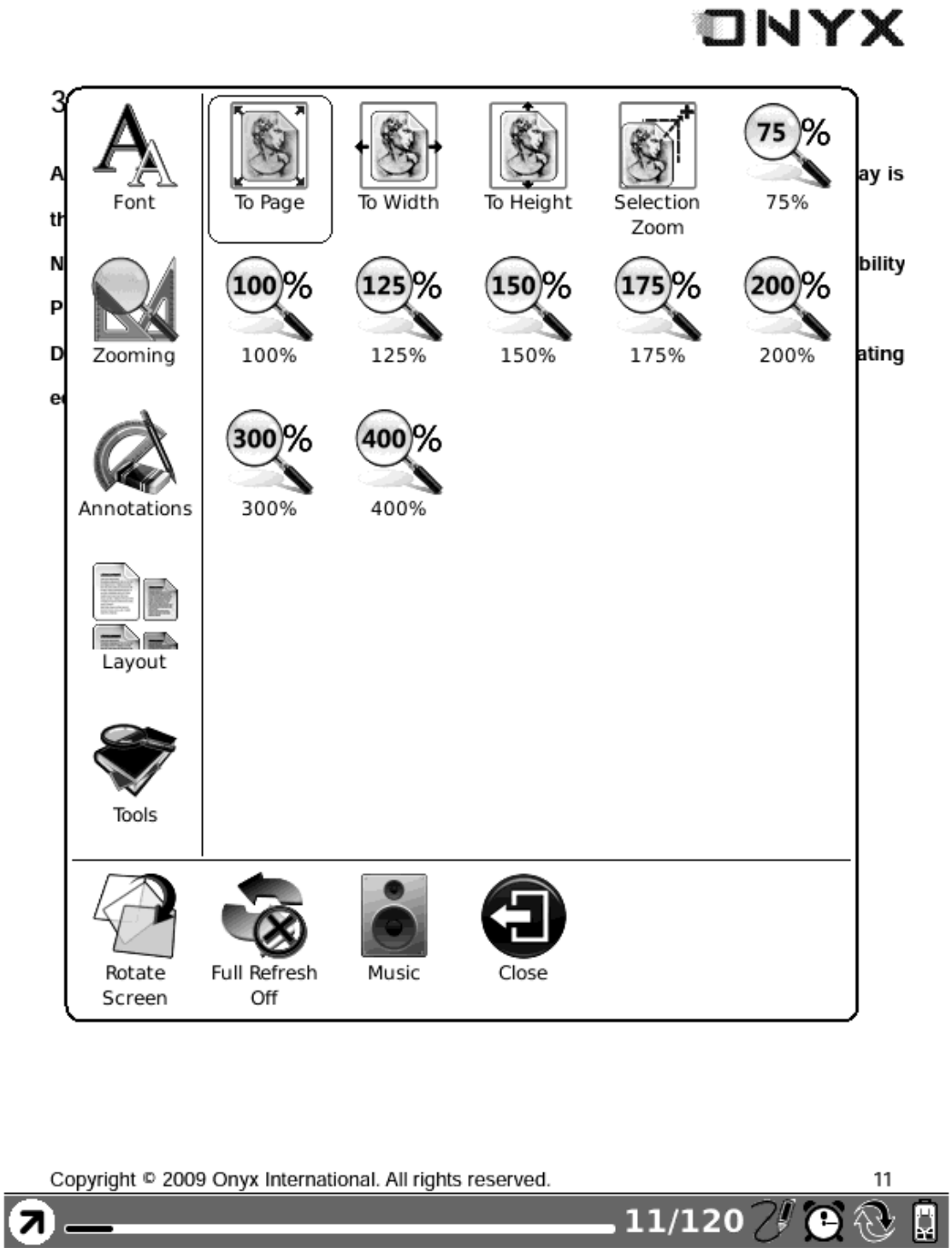


Fig. 6.4.10.5 Snapshot of Zooming by Ratio

Copyright © 2009 Onyx International. All rights reserved.

6.4.11 Annotations

Annotations mean a group of annotation operations, including annotating and sketching.

6.4.11.1 Add Annotation

Take annotation on the text of current screen. The annotated texts are highlighted.

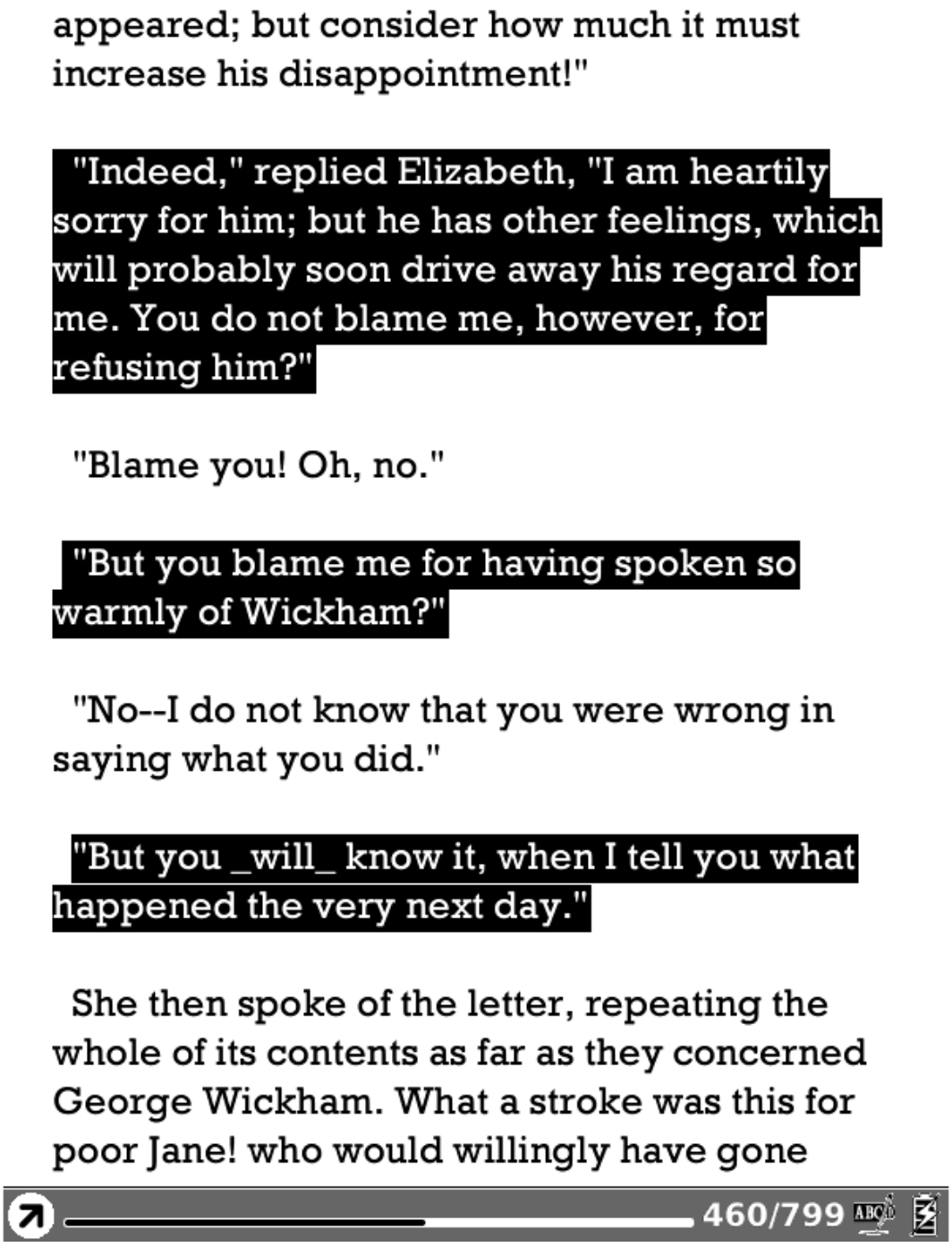

appeared; but consider how much it must increase his disappointment!"
"Indeed," replied Elizabeth, "I am heartily sorry for him; but he has other feelings, which will probably soon drive away his regard for me. You do not blame me, however, for refusing him?"
"Blame you! Oh, no."
"But you blame me for having spoken so warmly of Wickham?"
"No--I do not know that you were wrong in saying what you did."
"But you _will_ know it, when I tell you what happened the very next day."
She then spoke of the letter, repeating the whole of its contents as far as they concerned George Wickham. What a stroke was this for poor Jane! who would willingly have gone
460/799

Fig. 6.4.11.1 Snapshot of Adding Annotation

Copyright © 2009 Onyx International. All rights reserved.

6.4.11.2 Erase Annotation

Erase annotation on current screen. The annotations are erased when you click on them or drag the stylus through them.

6.4.11.3 All Annotations

Display all of the annotations by list. The highlighted texts as well as the corresponding page numbers are displayed on the list view.

Copyright © 2009 Onyx International. All rights reserved.

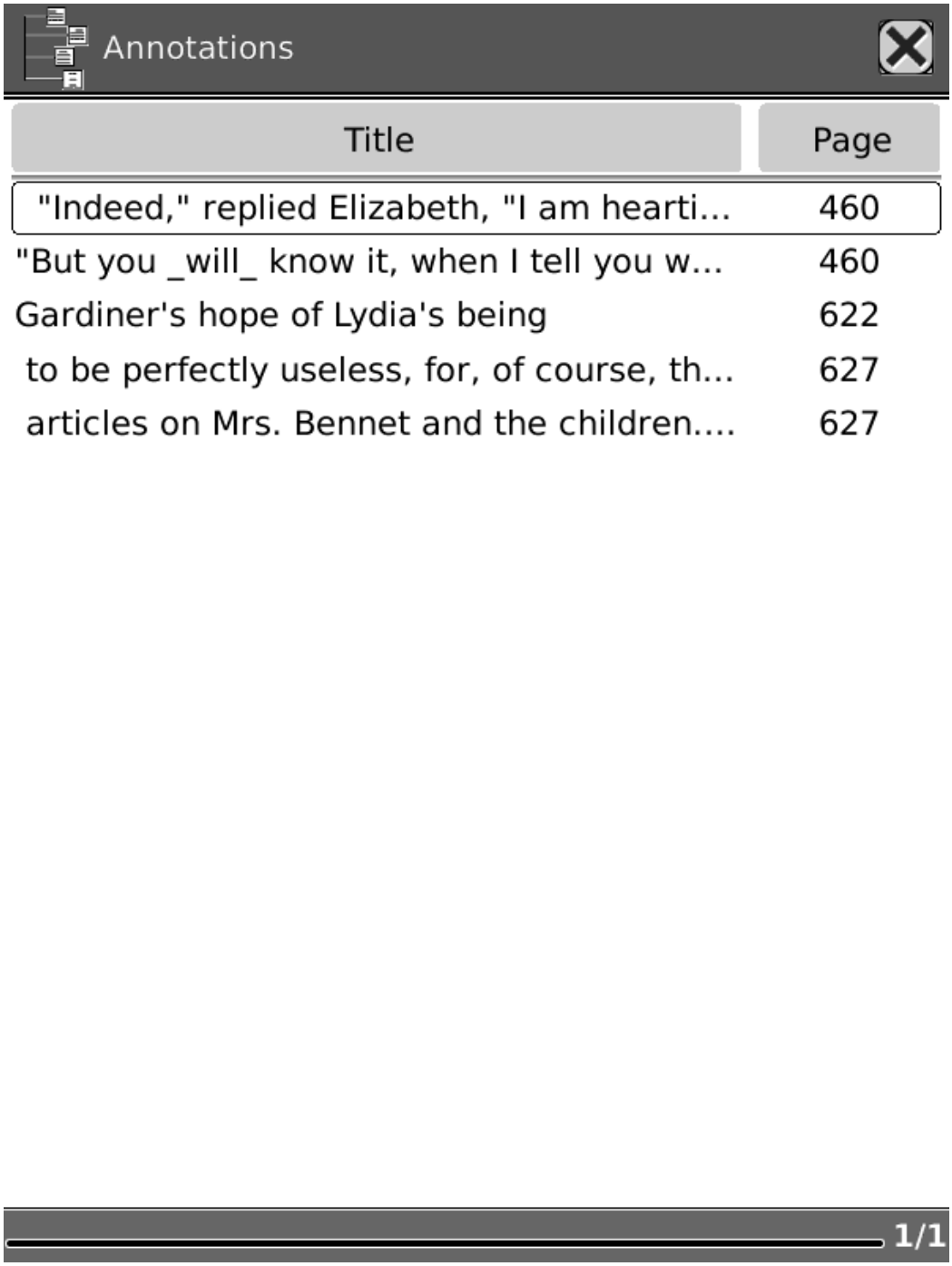


Fig. 6.4.11.3 Display All Annotations

Copyright © 2009 Onyx International. All rights reserved.

6.4.11.4 Sketch

Sketch on the content area of current screen by stylus.

6.4.11.4 Sketch on the Screen

Copyright © 2009 Onyx International. All rights reserved.

6.4.11.5 Erase Sketch

Erase existing sketches by stylus. The sketches are erased when you click on them or drag the stylus through them.

6.4.11.6 Sketch Colors

Select the color of sketches. Now black and white are supported.

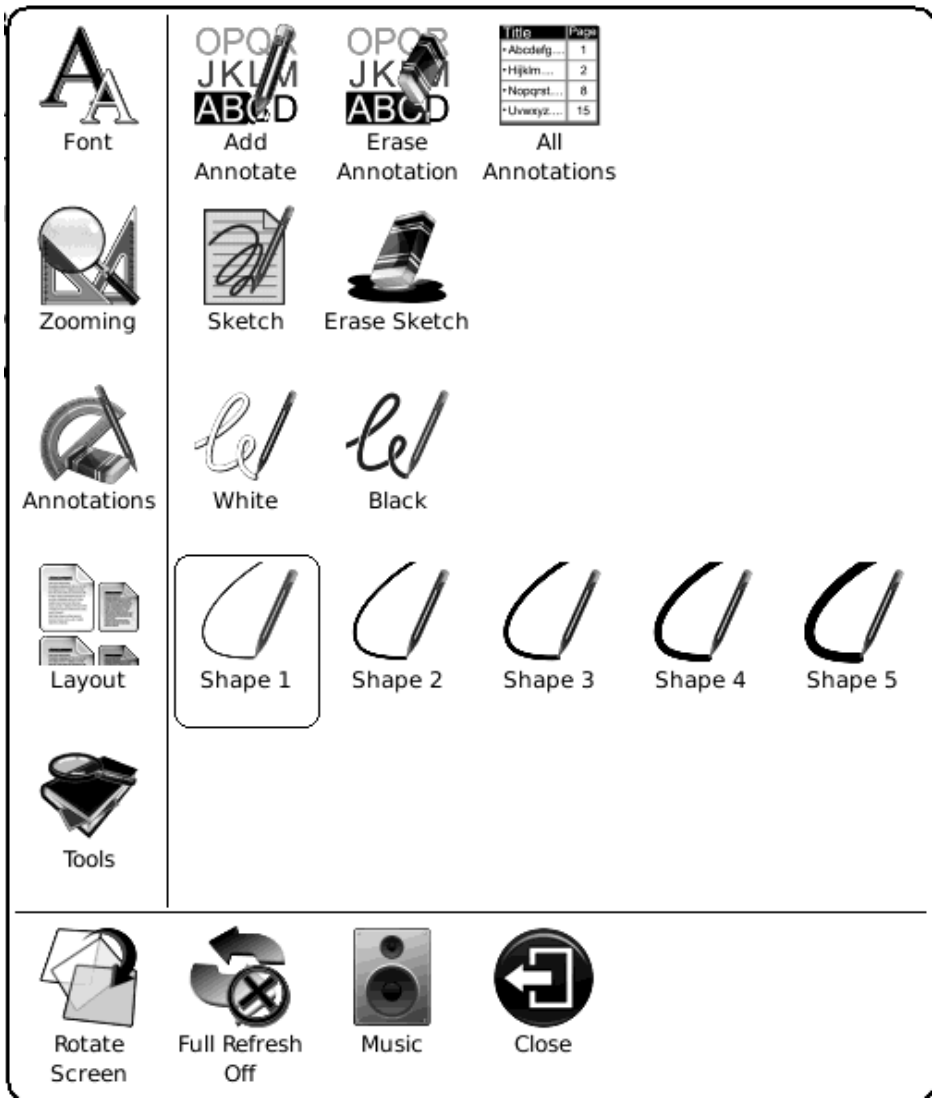


Fig. 6.4.9.6 Sketch Colors

Copyright © 2009 Onyx International. All rights reserved.

6.4.11.7 Sketch Shapes

Select the shape (line width) of sketches. Now five levels of line widths are supported.

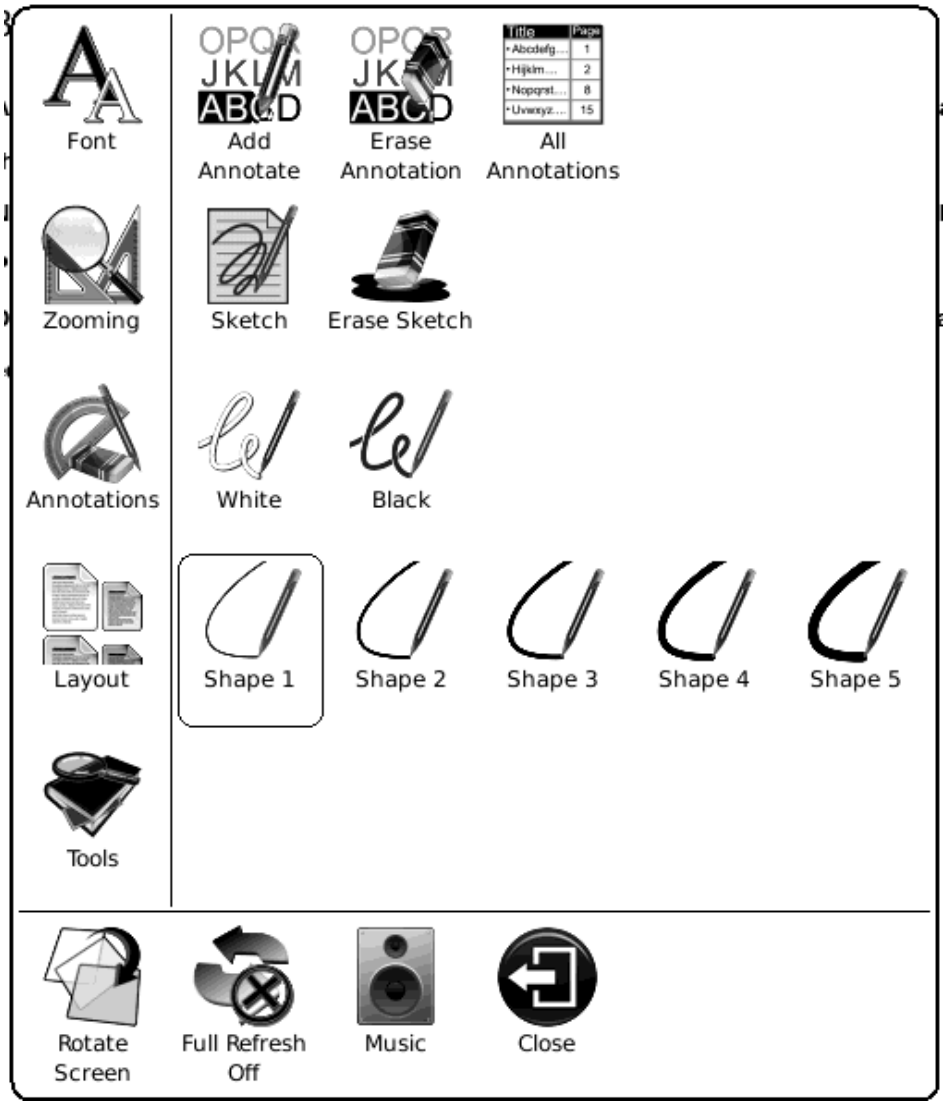


Fig. 6.4.11.7 Sketch Shapes

6.4.12 Layout

Select the layout of pages while viewing document.

6.4.12.1 Single Page

Only one page is displayed on screen.

Copyright © 2009 Onyx International. All rights reserved.

The SDMA core is able to control and exchange data with these systems by sending instructions and reading or writing data from/to the functional units' registers via the FUBUS. This is done with the `ldf` and `stf` instructions.

The following sections provide introductions to the available functional units. Section 40.16, "Functional Units Programming Model" provides descriptions the functional units' behaviors.

40.6.1 CRC Calculation Unit

The Cyclic Redundancy Check (CRC) unit can perform CRC calculation. A single byte of data can be processed every cycle, but up to four bytes can be simultaneously loaded.

The CRC unit supports the following set of polynomials:

```
CRC32:   X32+X26+X23+X22+X16+X12+X11+X10+X8+X7+X5+X4+X2+X+1
CRC16:   X16+X15+X2+1
CCITT16: X16+X12+X5+1
IS136:   X12+X10+X8+X5+X4+X3+1
CRC10:   X10+X9+X5+X4+X+1
CRC8:    X8+X2+X+1
parity:  X8+1
```

40.6.1.1 CRC Structure

Figure 40-9 describes the overall structure of the CRC unit and introduces its registers that are accessible by the SDMA core via the FUBUS.

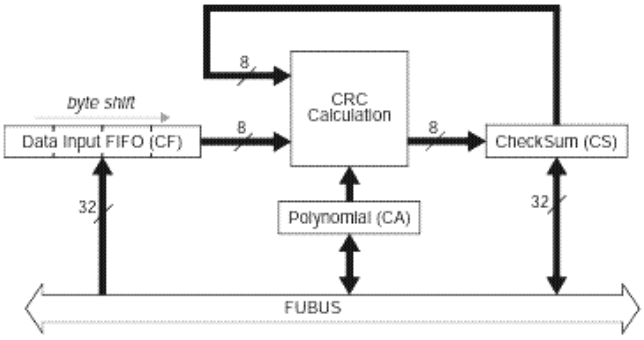


Figure 40-9. CRC Structure

40.6.1.2 CRC Data Processing

CRC processing requires the following three stages:

1. The preliminary initialization stage consists of selecting the desired polynomial, and storing the initialization pattern into the checksum register.

Fig. 6.4.12.1 Snapshot of Single Page

Copyright © 2009 Onyx International. All rights reserved.

6.4.12.2 Scroll Pages

Multiple pages can be displayed on screen. If there are enough blanks besides one page on the screen, the parts of adjacent pages fill these blanks. There is a small spacing between two pages.

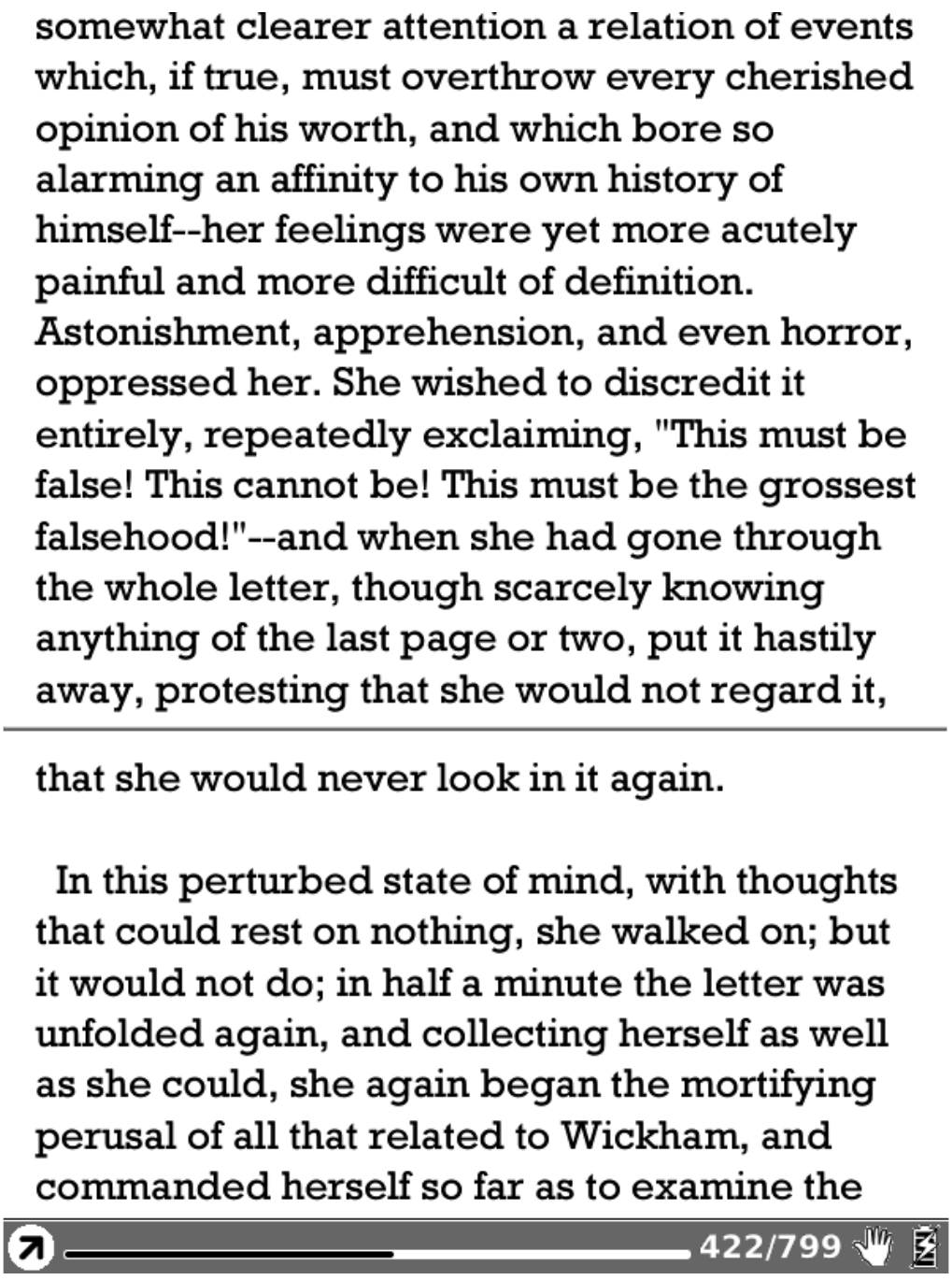

somewhat clearer attention a relation of events which, if true, must overthrow every cherished opinion of his worth, and which bore so alarming an affinity to his own history of himself--her feelings were yet more acutely painful and more difficult of definition. Astonishment, apprehension, and even horror, oppressed her. She wished to discredit it entirely, repeatedly exclaiming, "This must be false! This cannot be! This must be the grossest falsehood!"--and when she had gone through the whole letter, though scarcely knowing anything of the last page or two, put it hastily away, protesting that she would not regard it,
that she would never look in it again.
In this perturbed state of mind, with thoughts that could rest on nothing, she walked on; but it would not do; in half a minute the letter was unfolded again, and collecting herself as well as she could, she again began the mortifying perusal of all that related to Wickham, and commanded herself so far as to examine the
422/799

Fig. 6.4.12.2 Snapshot of Scroll Pages

Copyright © 2009 Onyx International. All rights reserved.

6.4.13 Tools

Tools represent a group of assistant functions for better reading.

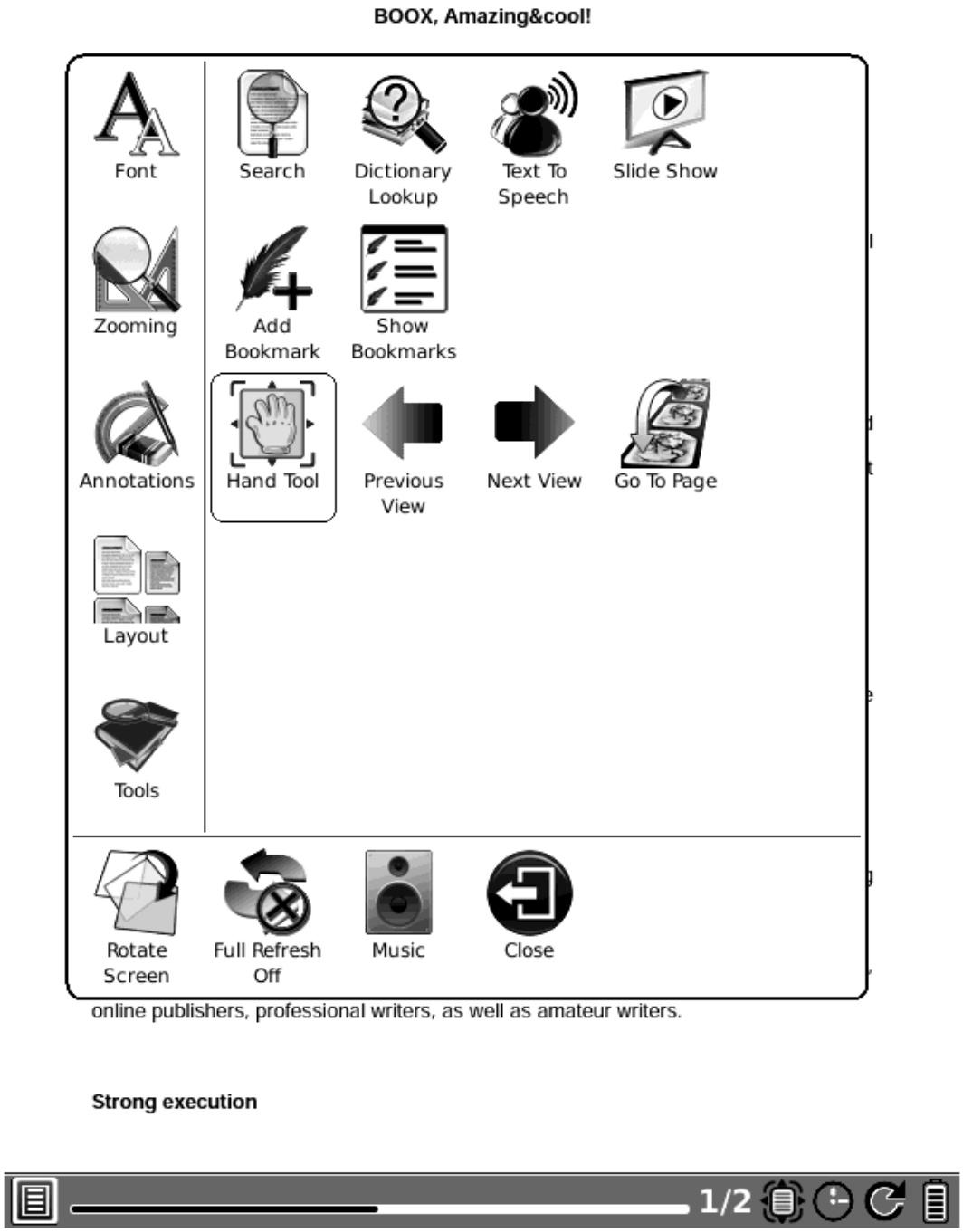


Fig. 6.4.13 Snapshot of Tools display

Copyright © 2009 Onyx International. All rights reserved.

6.4.13.1 Search

Search for the pattern in current document. The search results in a screen are highlighted.

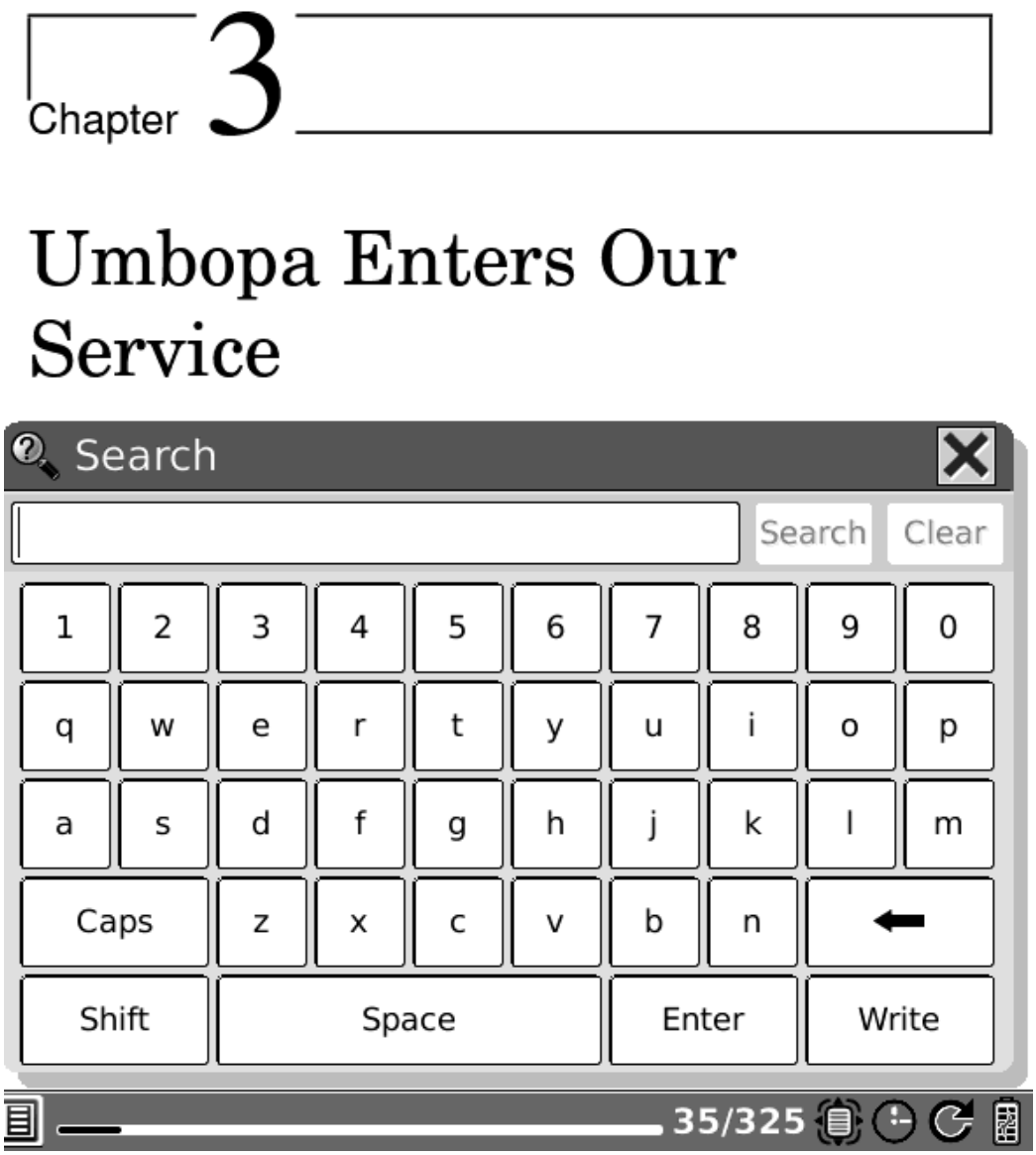

Chapter 3
Umbopa Enters Our Service
Search
Search
Clear
1 2 3 4 5 6 7 8 9 0
q w e r t y u i o p
a s d f g h j k l m
Caps z x c v b n
Shift Space Enter Write
35/325

Fig. 6.4.13.1 (1) Input Search Pattern

Copyright © 2009 Onyx International. All rights reserved.

Chapter 3

Umbopa Enters Our Service

It takes from four to five days, according to the speed of the vessel and the state of the weather, to run up from the Cape to Durban. Sometimes, if the landing is bad at East London, where they have not yet made that wonderful harbour they talk so much of, and sink such a mint of money in, a ship is delayed for twenty-four hours before the cargo boats can get out to take off the goods. But on this occasion we had not to wait at all, for there were no breakers on the Bar to speak of, and the tugs came out at once with the long strings of ugly flat- bottomed boats behind them, into wh
a crash. It did not ma

Fig. 6.4.13.1 (2) Search for Next Results

Copyright © 2009 Onyx International. All rights reserved.

6.4.13.2 Dictionary Lookup

Look up for the explanation of a pattern string. Please refer to 6.1.6 for details.

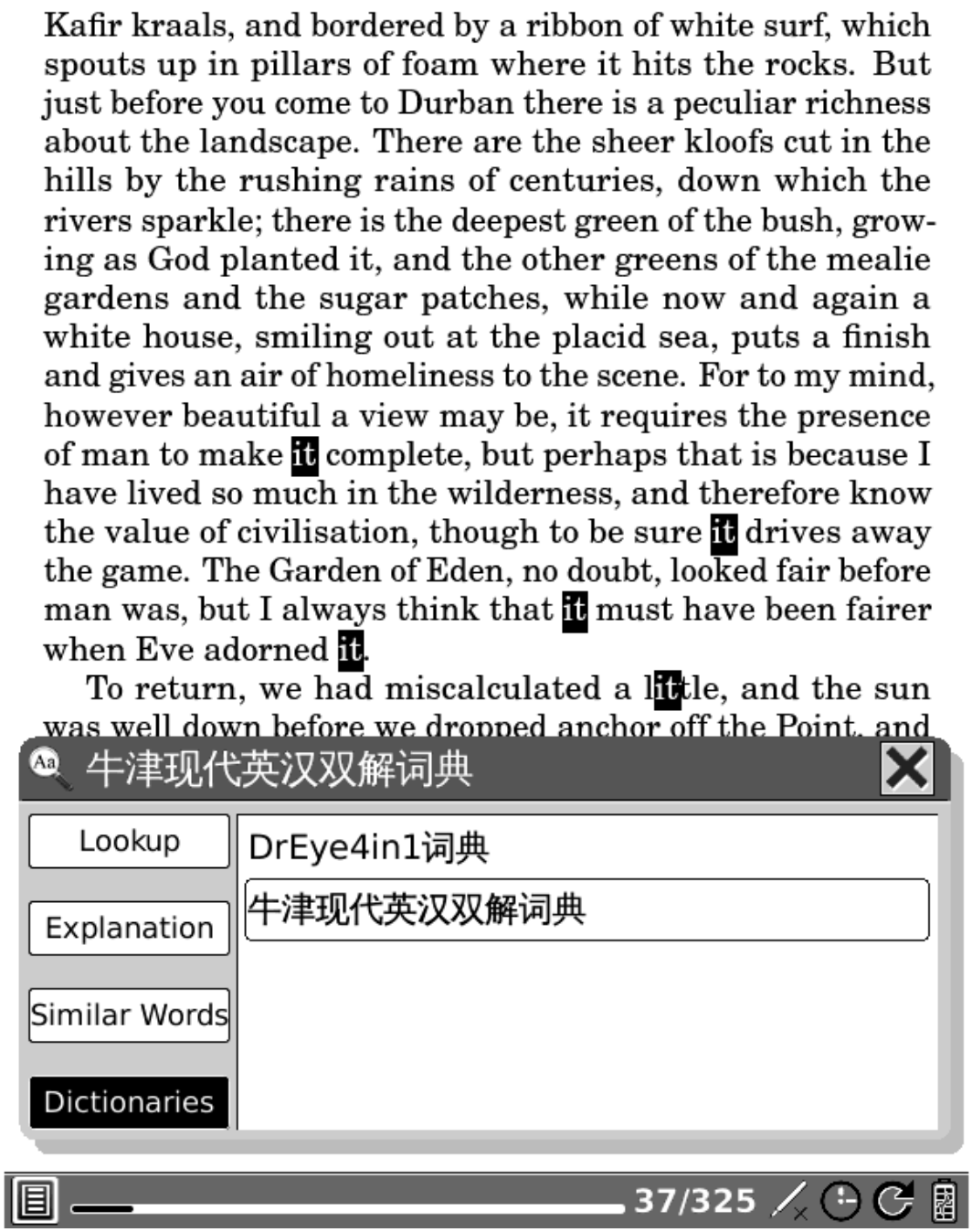

Kafir kraals, and bordered by a ribbon of white surf, which spouts up in pillars of foam where it hits the rocks. But just before you come to Durban there is a peculiar richness about the landscape. There are the sheer kloofs cut in the hills by the rushing rains of centuries, down which the rivers sparkle; there is the deepest green of the bush, growing as God planted it, and the other greens of the mealie gardens and the sugar patches, while now and again a white house, smiling out at the placid sea, puts a finish and gives an air of homeliness to the scene. For to my mind, however beautiful a view may be, it requires the presence of man to make it complete, but perhaps that is because I have lived so much in the wilderness, and therefore know the value of civilisation, though to be sure it drives away the game. The Garden of Eden, no doubt, looked fair before man was, but I always think that it must have been fairer when Eve adorned it.
To return, we had miscalculated a little, and the sun
牛津现代英汉双解词典
Lookup
Explanation
Similar Words
Dictionaries
DrEye4in1词典
牛津现代英汉双解词典
37/325

Fig. 6.4.13.2 (1) Popup Dictionary Lookup Dialog

Copyright © 2009 Onyx International. All rights reserved.

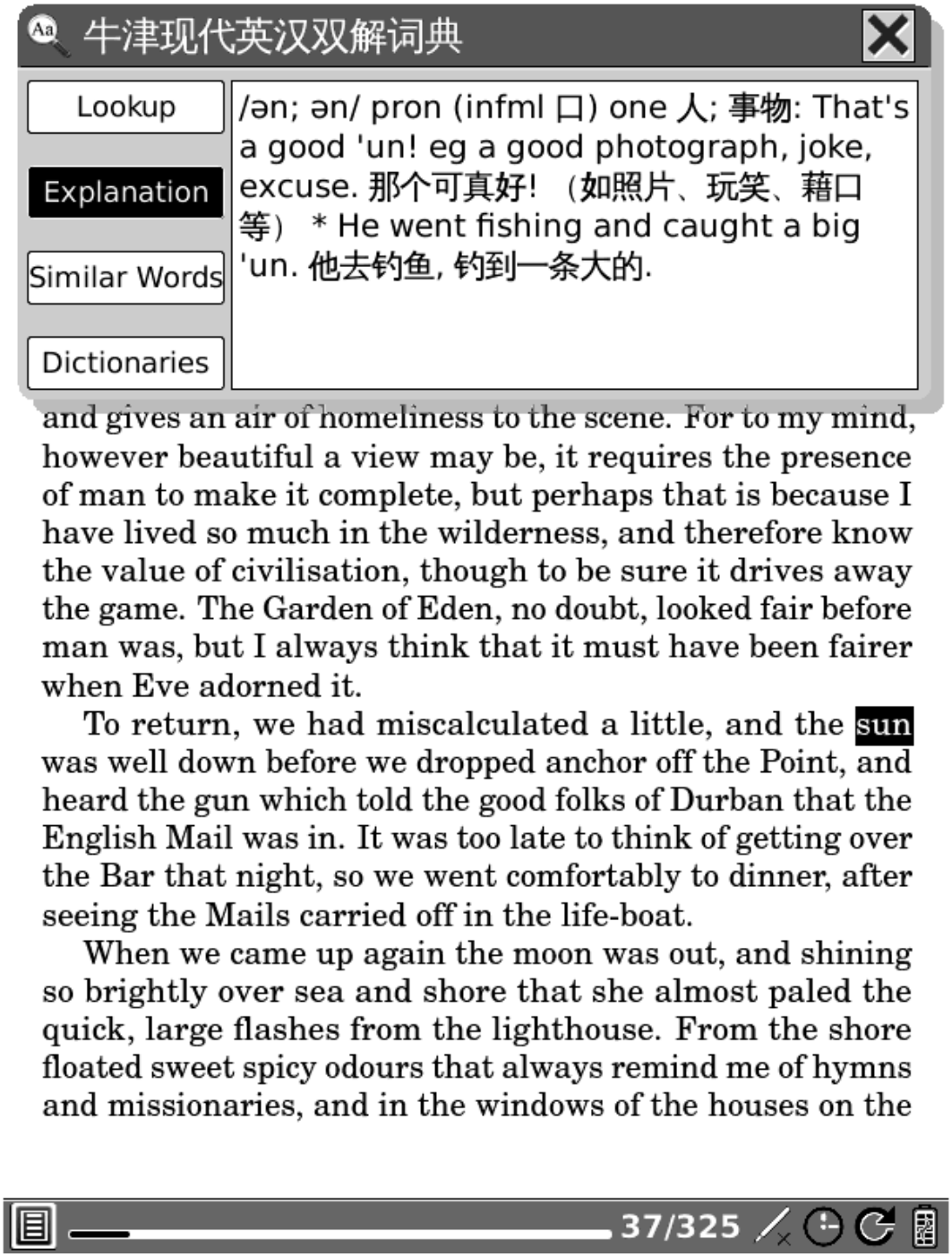

牛津现代英汉双解词典
Lookup
Explanation
Similar Words
Dictionaries
/ən; ən/ pron (infml 口) one 人; 事物: That's a good 'un! eg a good photograph, joke, excuse. 那个可真好! （如照片、玩笑、藉口等） * He went fishing and caught a big 'un. 他去钓鱼, 钓到一条大的.
and gives an air of homeliness to the scene. For to my mind, however beautiful a view may be, it requires the presence of man to make it complete, but perhaps that is because I have lived so much in the wilderness, and therefore know the value of civilisation, though to be sure it drives away the game. The Garden of Eden, no doubt, looked fair before man was, but I always think that it must have been fairer when Eve adorned it.
To return, we had miscalculated a little, and the sun was well down before we dropped anchor off the Point, and heard the gun which told the good folks of Durban that the English Mail was in. It was too late to think of getting over the Bar that night, so we went comfortably to dinner, after seeing the Mails carried off in the life-boat.
When we came up again the moon was out, and shining so brightly over sea and shore that she almost paled the quick, large flashes from the lighthouse. From the shore floated sweet spicy odours that always remind me of hymns and missionaries, and in the windows of the houses on the
37/325

Fig. 6.4.13.2 (2) Select a Word on Content Area

Copyright © 2009 Onyx International. All rights reserved.

6.4.13.3 Text to Speech

6.4.13.3 (1) Select Text to Speech icon, it will start to speak from first line of each page. Select this start/stop icon to start speak and stop.

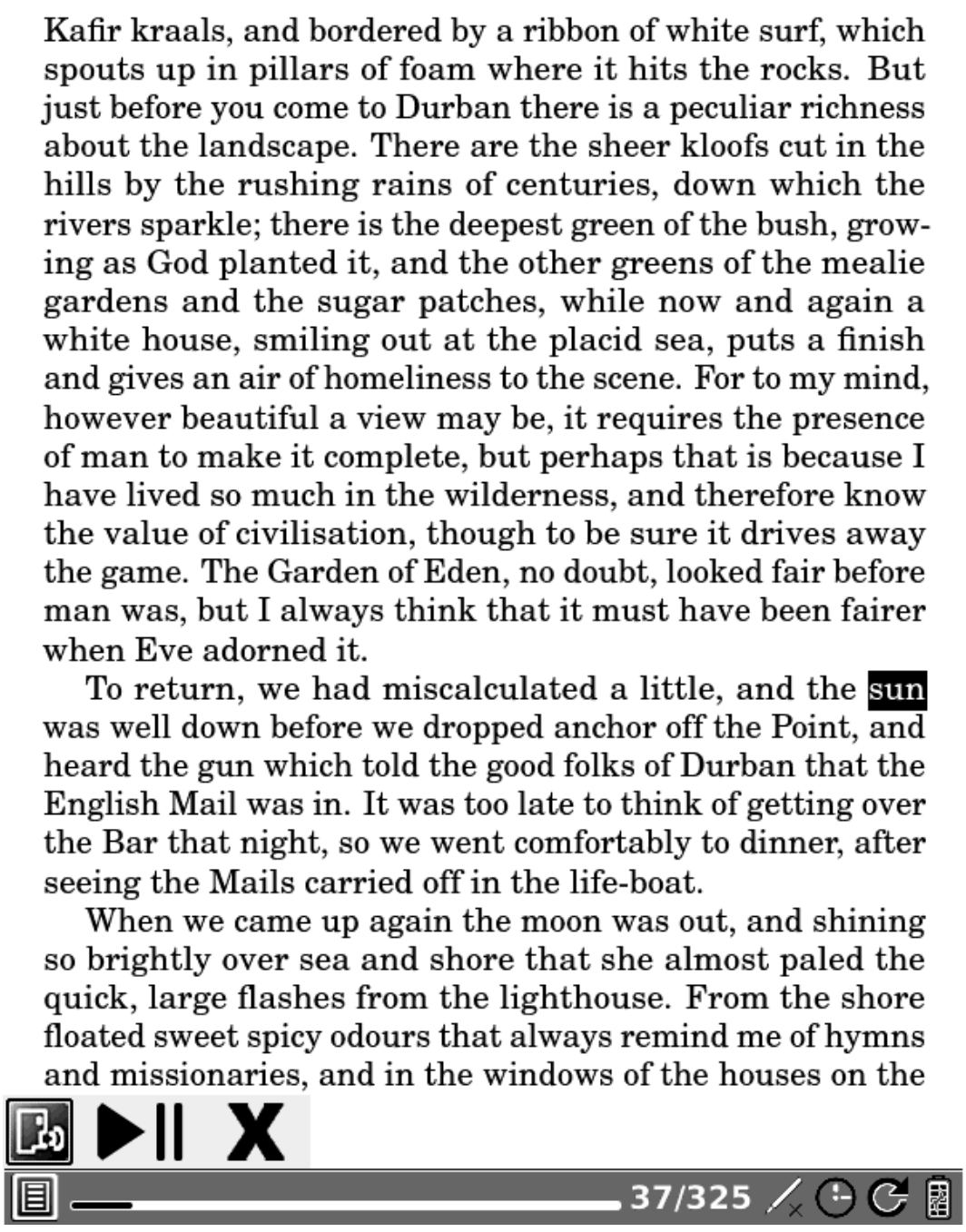
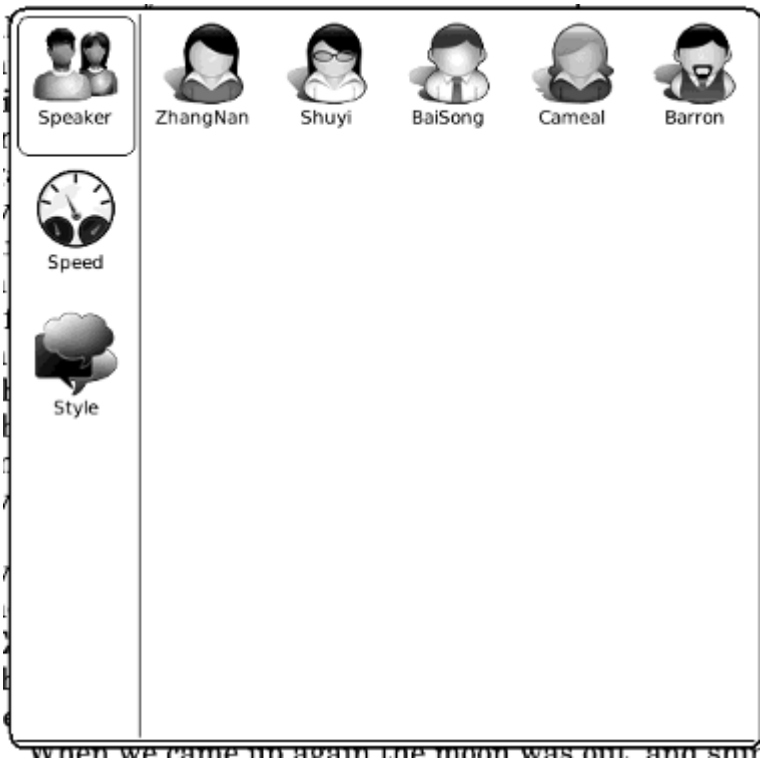
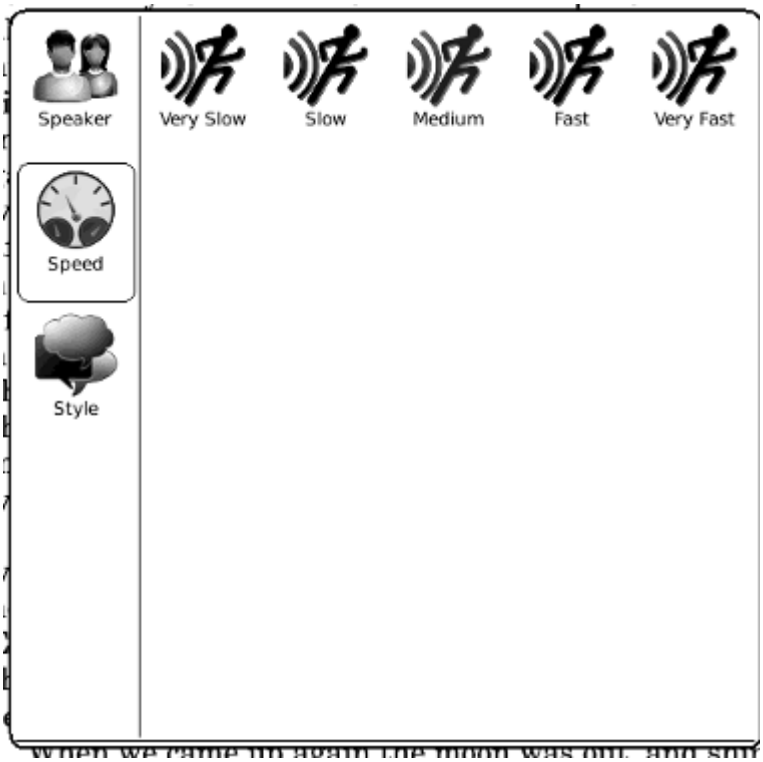

Kafir kraals, and bordered by a ribbon of white surf, which spouts up in pillars of foam where it hits the rocks. But just before you come to Durban there is a peculiar richness about the landscape. There are the sheer kloofs cut in the hills by the rushing rains of centuries, down which the rivers sparkle; there is the deepest green of the bush, growing as God planted it, and the other greens of the mealie gardens and the sugar patches, while now and again a white house, smiling out at the placid sea, puts a finish and gives an air of homeliness to the scene. For to my mind, however beautiful a view may be, it requires the presence of man to make it complete, but perhaps that is because I have lived so much in the wilderness, and therefore know the value of civilisation, though to be sure it drives away the game. The Garden of Eden, no doubt, looked fair before man was, but I always think that it must have been fairer when Eve adorned it.
To return, we had miscalculated a little, and the sun was well down before we dropped anchor off the Point, and heard the gun which told the good folks of Durban that the English Mail was in. It was too late to think of getting over the Bar that night, so we went comfortably to dinner, after seeing the Mails carried off in the life-boat.
When we came up again the moon was out, and shining so brightly over sea and shore that she almost paled the quick, large flashes from the lighthouse. From the shore floated sweet spicy odours that always remind me of hymns and missionaries, and in the windows of the houses on the
37/325

Fig. 6.4.13.3(1) Snapshot of TTS display

Copyright © 2009 Onyx International. All rights reserved.

6.4.13.3 (2) select this setting menu to set speaker, speed and style.





Copyright © 2009 Onyx International. All rights reserved.

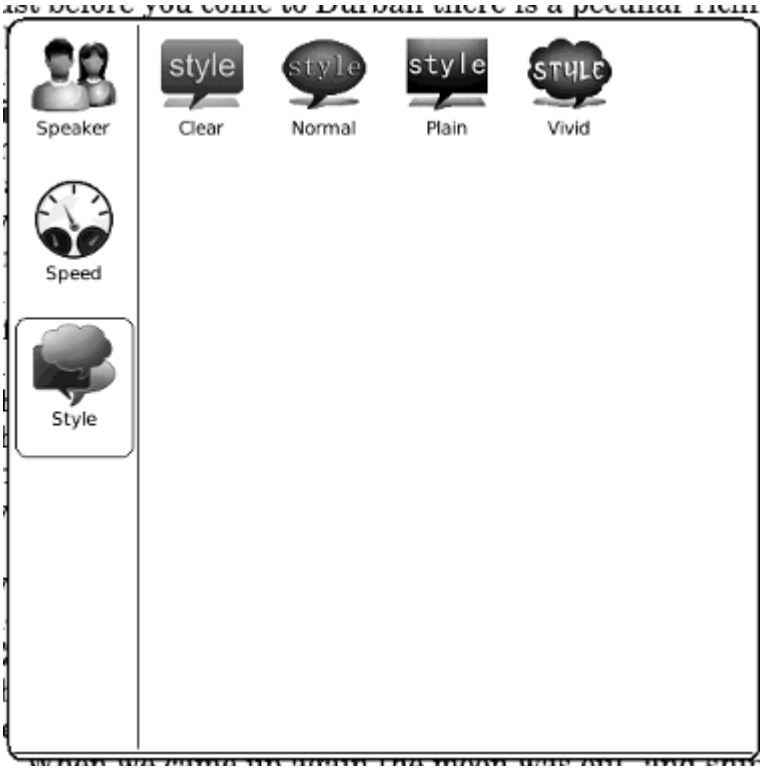


Fig. 6.4.13.3(2) Select Speaker/Speed/Style of TTS

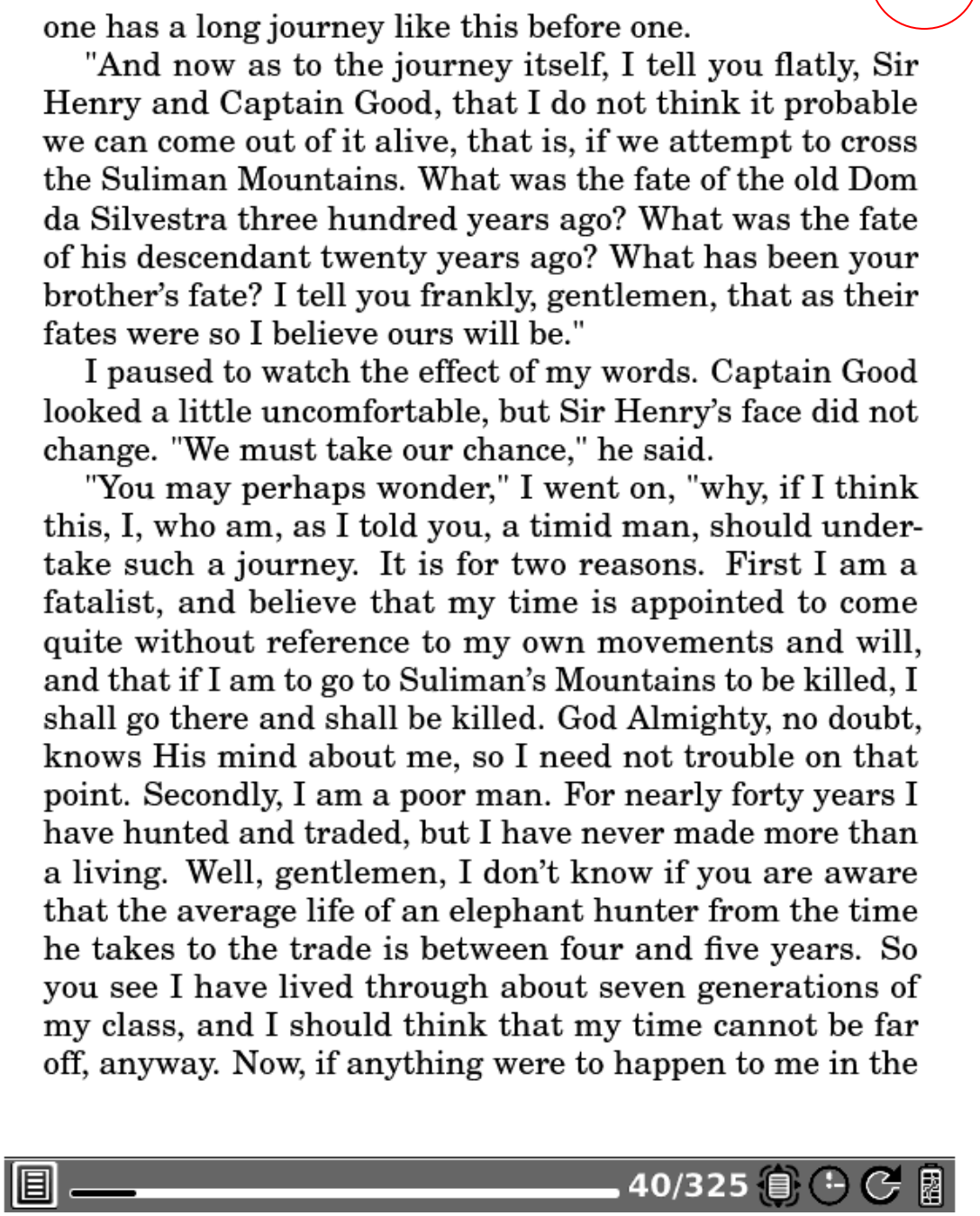
6.4.13.4 Slide show

Continuously display the pages of a document (or documents, e.g. images files) by slide show.

6.4.13.5 Add Bookmark

Add a bookmark of current page.

Copyright © 2009 Onyx International. All rights reserved.


one has a long journey like this before one.

"And now as to the journey itself, I tell you flatly, Sir Henry and Captain Good, that I do not think it probable we can come out of it alive, that is, if we attempt to cross the Suliman Mountains. What was the fate of the old Dom da Silvestra three hundred years ago? What was the fate of his descendant twenty years ago? What has been your brother's fate? I tell you frankly, gentlemen, that as their fates were so I believe ours will be."

I paused to watch the effect of my words. Captain Good looked a little uncomfortable, but Sir Henry's face did not change. "We must take our chance," he said.

"You may perhaps wonder," I went on, "why, if I think this, I, who am, as I told you, a timid man, should undertake such a journey. It is for two reasons. First I am a fatalist, and believe that my time is appointed to come quite without reference to my own movements and will, and that if I am to go to Suliman's Mountains to be killed, I shall go there and shall be killed. God Almighty, no doubt, knows His mind about me, so I need not trouble on that point. Secondly, I am a poor man. For nearly forty years I have hunted and traded, but I have never made more than a living. Well, gentlemen, I don't know if you are aware that the average life of an elephant hunter from the time he takes to the trade is between four and five years. So you see I have lived through about seven generations of my class, and I should think that my time cannot be far off, anyway. Now, if anything were to happen to me in the

Fig. 6.4.13.5 Snapshot of Adding Bookmark

6.4.13.6 Delete Bookmark

Delete the bookmark of current page.

Copyright © 2009 Onyx International. All rights reserved.

6.4.13.7 Show Bookmarks

Show all bookmarks in a list view. The front text portion as well as the number of the bookmarked page is displayed in an item. You can jump to the target page by selecting the bookmark item.

Fig. 6.4.13.7 Snapshot of Bookmarks View

6.4.13.8 Hand Tool

Select the hand tool item in the menu to enable browsing through document by stylus.

6.4.13.9 Previous View

Select previous/next view to retrace the path within a document. Select item **Previous View** to return to previous screen while browsing document.

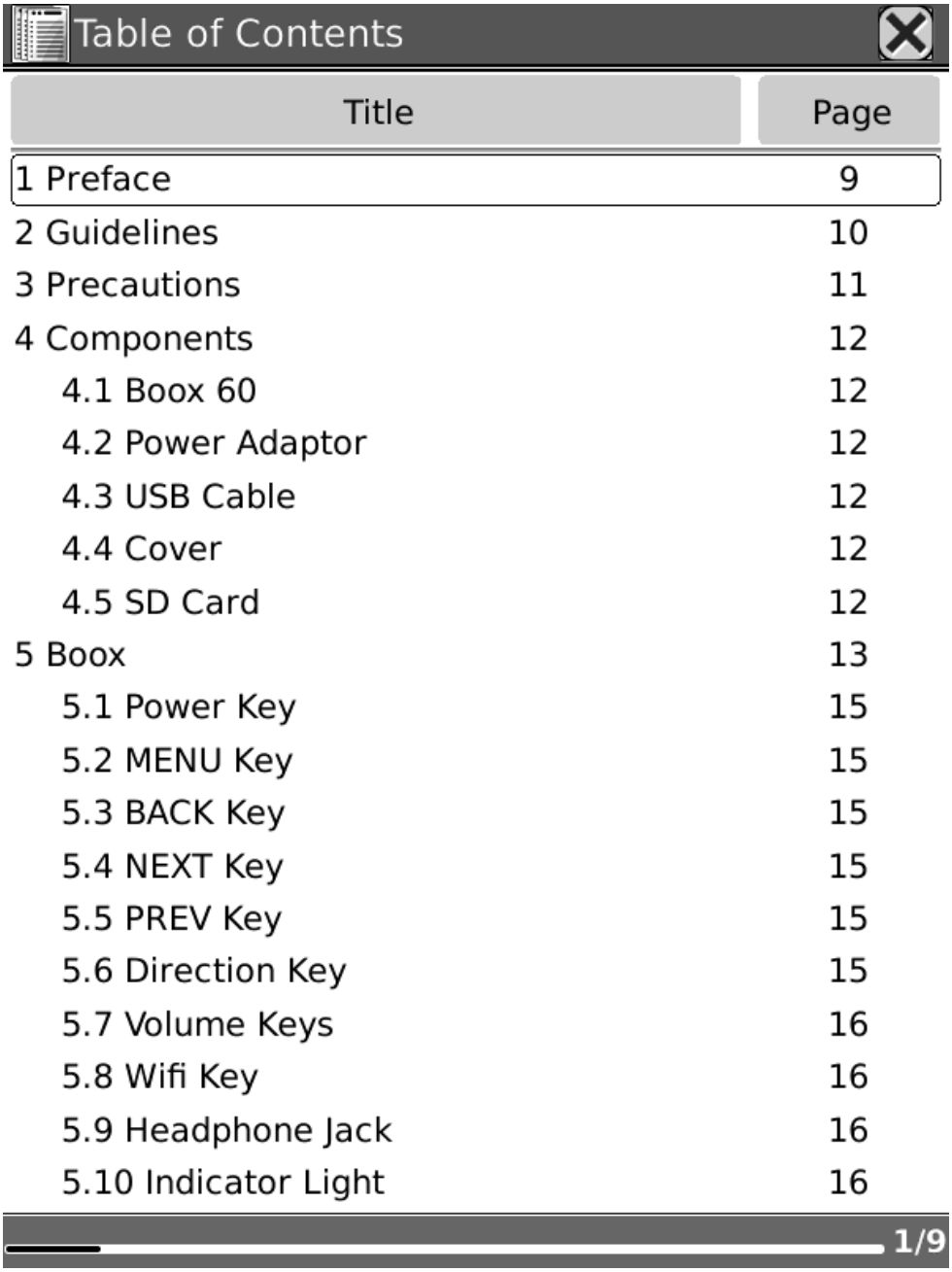
Copyright © 2009 Onyx International. All rights reserved.

6.4.13.10 Next View

Select item **Next View** to go to next screen while browsing document. This button is activated only if you have chosen **Previous View**.

6.4.13.11 Table of Content

Display the table of content of current document by list view. You can jump to a target page by selecting an item.



6.4.13.11 Snapshot of Table of Content

Copyright © 2009 Onyx International. All rights reserved.

6.4.14 Font Family

Configure the font family while viewing a document. The existing font families of Boox are shown on the menu.

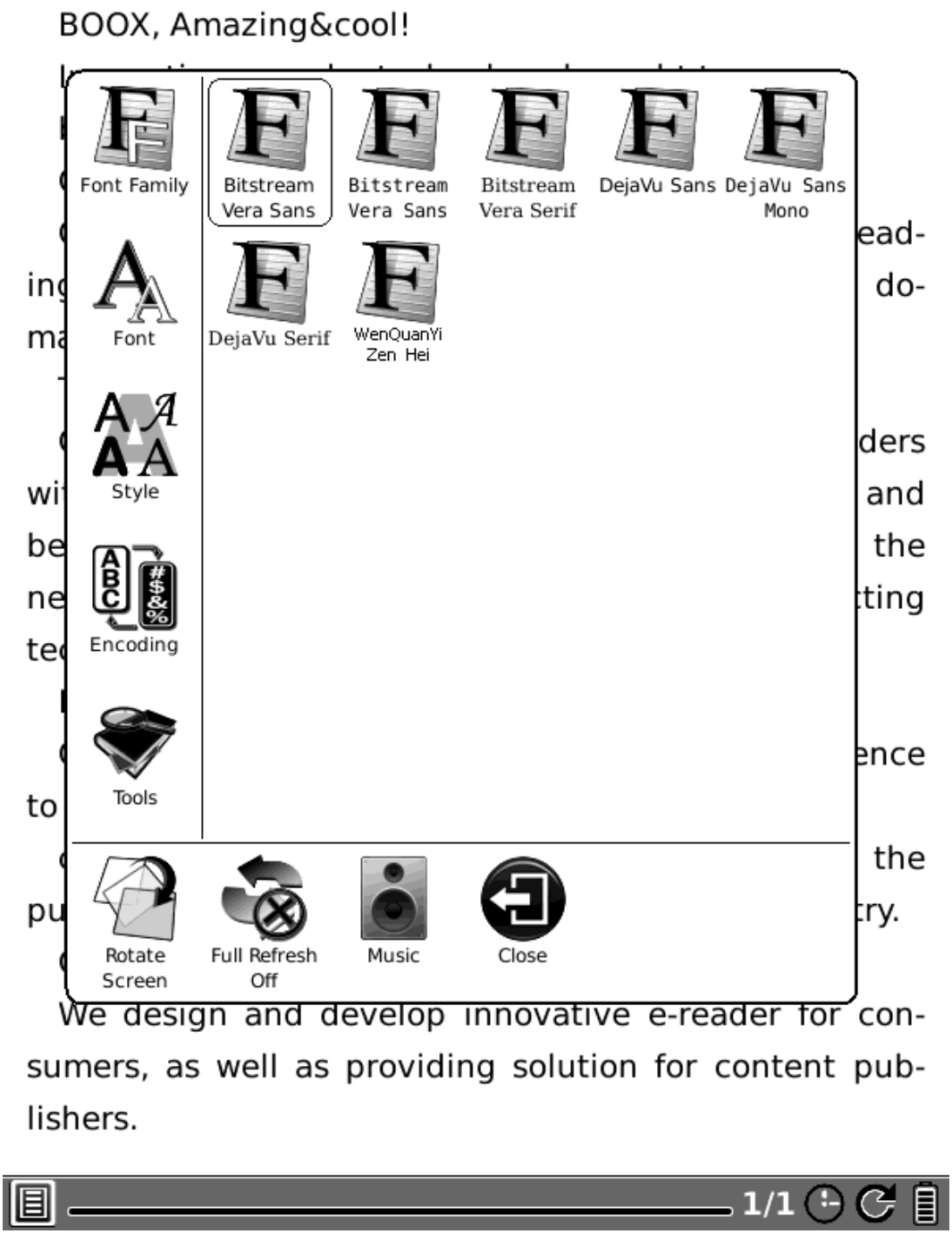


Fig. 6.4.14 Snapshot of Font Family Configuration

Copyright © 2009 Onyx International. All rights reserved.

6.4.15 Encoding

Configure the encoding type while viewing text-based document. The configurable encoding types are shown on the menu.

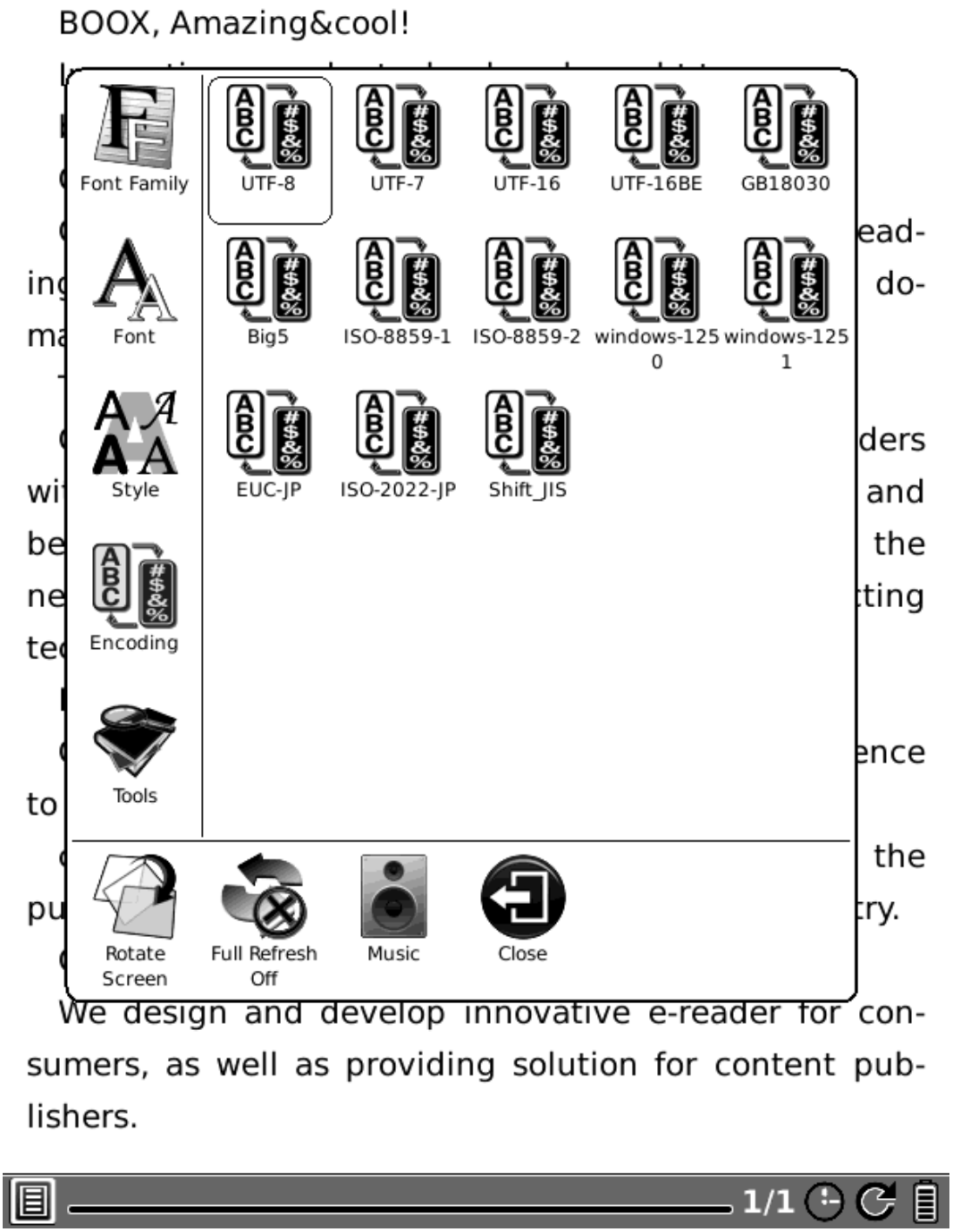


Fig.6.4.15 Snapshot of Encoding Configuration

Copyright © 2009 Onyx International. All rights reserved.

6.4.16 Full Refresh Switch

Set screen update type. You can turn on/off full refresh.

6.4.17 Navigation

Navigation operations are used for accessing websites and viewing html-based documents, e.g. CHM document.

6.4.17.1 Backward

Go back to previous website.

6.4.17.2 Forward

Go forward to next website. This button is activated only if you have chosen **Backward**.

6.4.17.3 Home

Go to the home page.

6.4.18 Network

Configure the network connection.

6.4.18.1 Wifi

Configure the wifi connection.

Copyright © 2009 Onyx International. All rights reserved.

6.5 Web Browser

Through built-in web browser, you can access the specified websites.

Web Images Videos Maps News Shopping Gmail more ▾ iGoogle | Search settings |
Google
Google Search
I'm Feeling Lucky
Advertising Programs - Business Solutions - About Google - Go to Google China
©2009 - Privacy
100%

Fig. 6.5 Snapshot of Web Browser

Copyright © 2009 Onyx International. All rights reserved.

6.5.1 Tool Bar

Tool bar provides four functions: going back to the previous website, going forward to the next website, refreshing current website, stopping the loading of current page.

6.5.1 Tool Bar of Web Browser

6.5.2 Input by Keyboard

You can input text on website by stylus if the page provides standard form widget. A keyboard appears after you put focus on the form. The input text string is displayed on the form after you confirm the input is done (by clicking OK button).

Copyright © 2009 Onyx International. All rights reserved.

6.5.2 Snapshot of Inputting Text on Website

6.5.3 Clock

Select clock icon, it can show the current time and reading time. Same function in each kind of e-book content.

Copyright © 2009 Onyx International. All rights reserved.

6.5.4 software keyboard

Select this software keyboard icon, you can input letters to address bar.

6.5.5 refresh

Select this refresh icon to refresh the web page display.

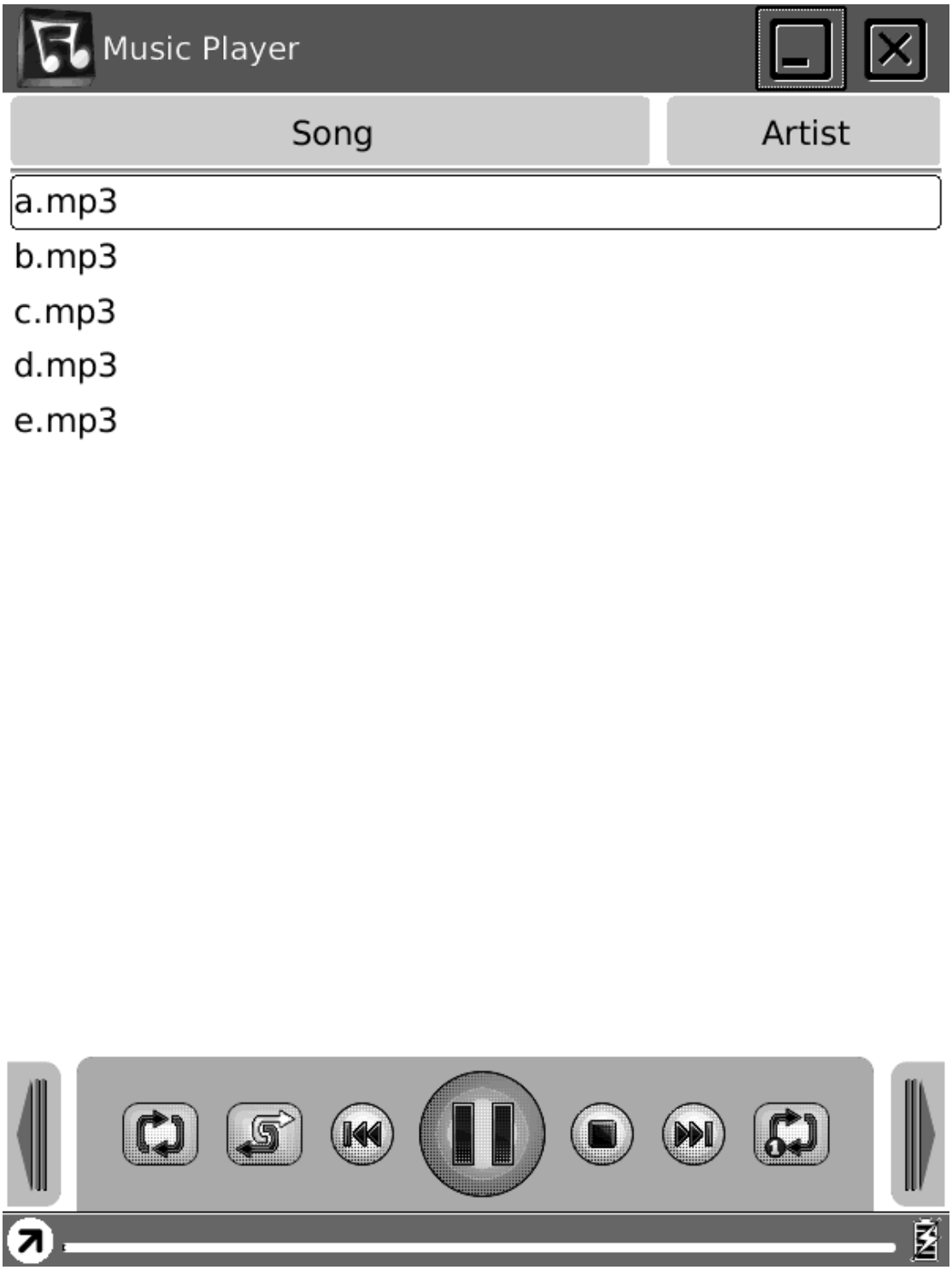
6.5.6 website icon

Select this website icon, you can input website address and go to the website directly.

Copyright © 2009 Onyx International. All rights reserved.

6.6 Music Player

Music player of Boox supports MP3 files.



6.6 Snapshot of Music Player

Copyright © 2009 Onyx International. All rights reserved.

6.6.1 Playlist

Displays the music list and the current song.

6.6.2 Minimize Button

Minimize the music player.

6.6.3 Close Button

Close the music player.

6.6.4 Repeat Playlist Button

Repeat playing the songs of playlist.

6.6.5 Shuffle Switch Button

Switch between shuffle playing and normal playing modes.

6.6.6 Previous Song Button

Turn to previous song.

6.6.7 Play/Pause Switch Button

Switch between playing and pausing modes.

6.6.8 Stop Button

Stop the music playing.

Copyright © 2009 Onyx International. All rights reserved.

6.6.9 Next Song Button

Turn to the next song.

6.6.10 Repeat Current Song Button

Repeat playing current song.

6.6.11 Previous Page Button

Turn to previous page of playlist.

6.6.12 Next Page Button

Turn to next page of playlist.

6.7 Wifi Configuration Dialog

Configure the wifi through this dialog. The operations used for activating a wifi access point are:

- Make sure the wifi switch is turned on (slide upward)
- Boox scans the wifi access points around
- All of the connectable access points are listed
- You select one then Boox starts connecting to it
- If it is an encrypted access point, a keyboard dialog pops up. You can input password for connection.

Copyright © 2009 Onyx International. All rights reserved.

Fig. 6.7 Snapshot of Wifi Configuration Dialog

6.7.1 Scanning List

List all of the scanned results (wifi access points).

Copyright © 2009 Onyx International. All rights reserved.

6.7. 2 Connecting Message Area

Display the current status of connection.

6.7.3 Refresh Button

Click Refresh button to rescan the access points.

6.7.4 Configuring WPA Security Access Point

Input the password for WPA security access point.

Fig. 6.7.4 Snapshot of Configuring WPA Security Access Point

Copyright © 2009 Onyx International. All rights reserved.

6.7.5 Configuring WEP Security Access Point

Input the password for WEP security access point.

Fig. 6.7.5 Snapshot of Configuring WEP Security Access Point

Copyright © 2009 Onyx International. All rights reserved.

7 Sketch

After activating sketch functions (by menu 6.4.9.4), you can make new sketches or erase existing ones.

7.1 Make new sketches

You can sketch on the drawing area by stylus.

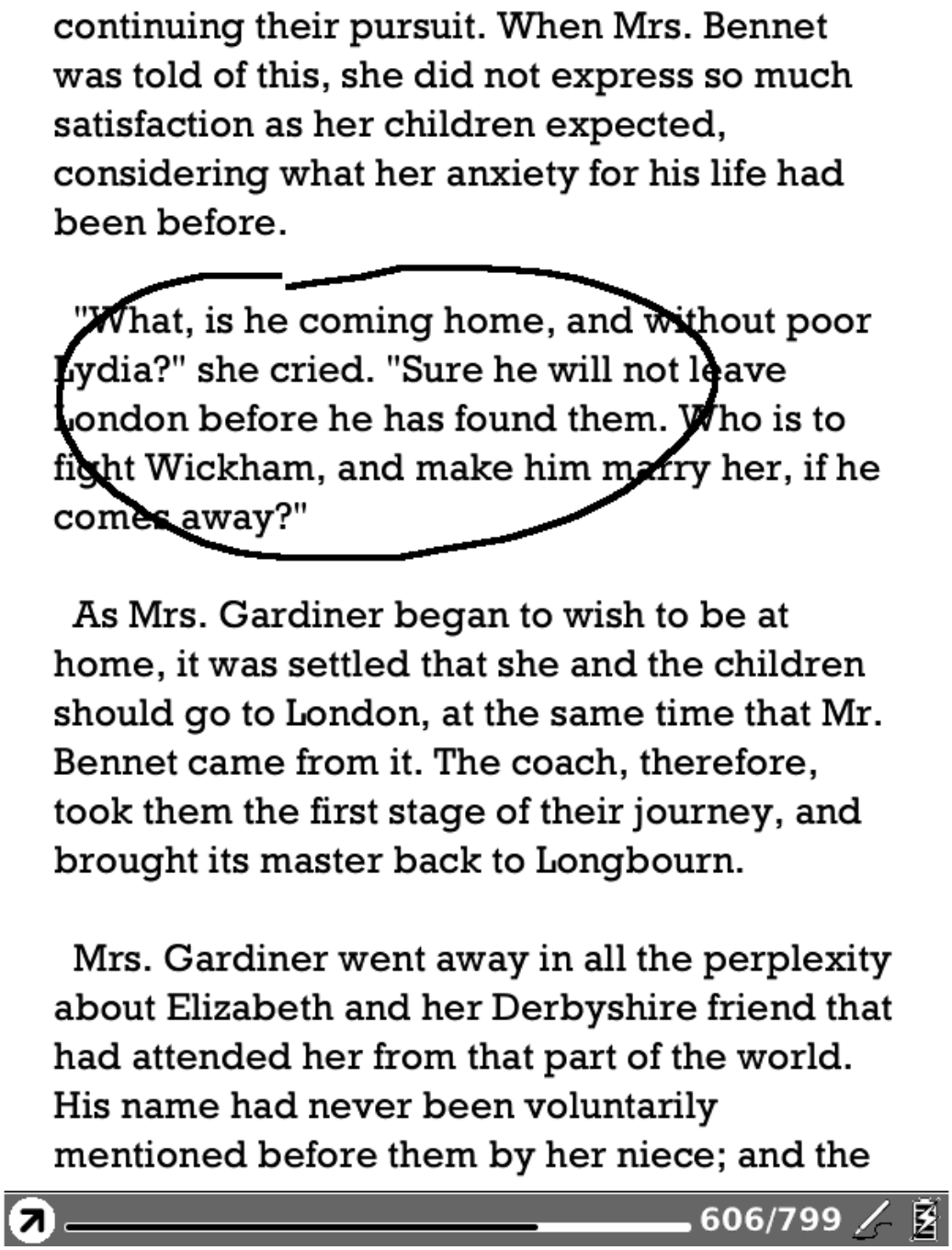

continuing their pursuit. When Mrs. Bennet was told of this, she did not express so much satisfaction as her children expected, considering what her anxiety for his life had been before.
"What, is he coming home, and without poor Lydia?" she cried. "Sure he will not leave London before he has found them. Who is to fight Wickham, and make him marry her, if he comes away?"
As Mrs. Gardiner began to wish to be at home, it was settled that she and the children should go to London, at the same time that Mr. Bennet came from it. The coach, therefore, took them the first stage of their journey, and brought its master back to Longbourn.
Mrs. Gardiner went away in all the perplexity about Elizabeth and her Derbyshire friend that had attended her from that part of the world. His name had never been voluntarily mentioned before them by her niece; and the
606/799

Fig. 7.1 Snapshot of Sketching

Copyright © 2009 Onyx International. All rights reserved.

7.2 Erase

You can erase the drawn sketches by stylus. You can click on the stroke or drag across it, and then the stroke disappears immediately.

8 Annotation

After activating annotation functions (by menu 6.4.9.1), you can make new annotations or erase existing ones.

8.1 Add Annotation

After selecting function ‘Add Annotation’, you can highlight the texts you are interested on by dragging the stylus pen. You can also highlight the word by clicking any character of it.

Copyright © 2009 Onyx International. All rights reserved.

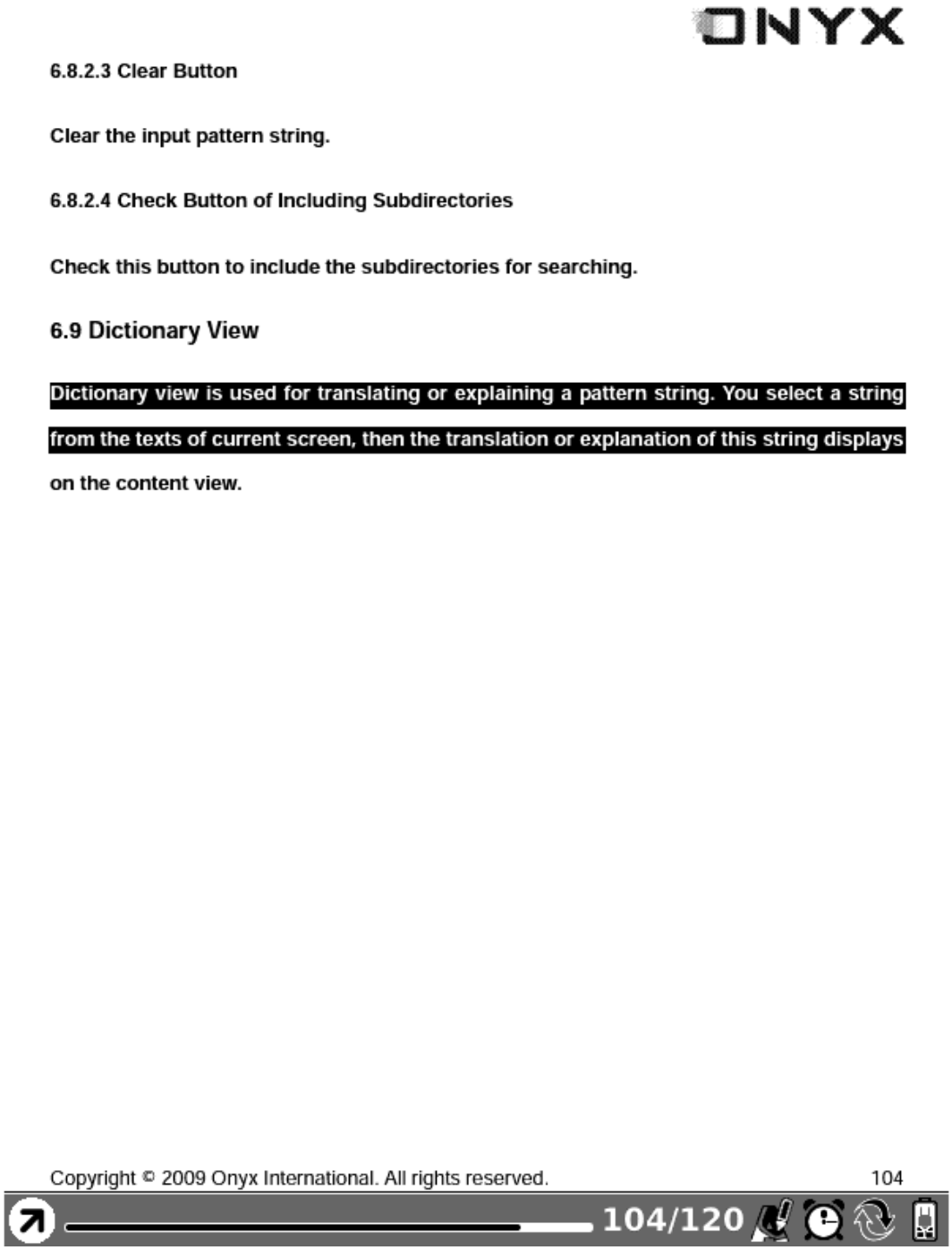

6.8.2.3 Clear Button
Clear the input pattern string.
6.8.2.4 Check Button of Including Subdirectories
Check this button to include the subdirectories for searching.
6.9 Dictionary View
Dictionary view is used for translating or explaining a pattern string. You select a string from the texts of current screen, then the translation or explanation of this string displays on the content view.
Copyright © 2009 Onyx International. All rights reserved. 104
104/120

Fig. 8.1 Add Annotation

8.2 Erase Annotations

You can erase an annotation by stylus. You can click on the highlighted area or drag across it, and then the annotation is removed.

9 Software Update

You can update the software by follow steps:

- Download the latest updates package from Onyx website: www.onyx-international.com
- Save the updates package in a SD card.
- Make sure the updates package is located at the root directory of the SD card. The name should be ‘onyx_update.upd’.
- Insert the SD card into Boox.
- Restart Boox, press and hold the OK button. NOTE, the OK button should be pressed before the device restarts. Hold it until you see the message ‘Software update request detected, checking updates…’
- Boox updates itself automatically. It restarts after update finishes.

Reminder: Make sure Boox has enough power to finish the software update (at least 2 grids displayed).

10 Connect to PC

Boox can be easily connected to PC by USB cable. A dialog pops up immediately after the connection establishes. Select ‘Yes’ to confirm the connection.

Copyright © 2009 Onyx International. All rights reserved.

Fig. 10 USB Connection Dialog

You can find at least one removable disk (internal flash of Boox) on the OS of PC. If you insert SD card in Boox, the SD card is also displayed as a removable disk.

11 Charge

You can charge Boox by two ways:

Connect Boox to PC by USB cable

Charge Boox by power adaptor

Copyright © 2009 Onyx International. All rights reserved.